

Reasoning

The questions from 1-6 ask you to match definitions to particular situations. For each question, you will be given a definition and four possible answer choices. Read each definition and all four choices carefully, and find the answer that provides the best example of the given definition. Answer each question solely on the basis of the definition given.

1. Violating an Apartment Lease occurs when a tenant does something prohibited by the legally binding document that he or she has signed with a landlord. Which situation below is the best example of Violating an Apartment Lease?

(a) Tim has decided to move to another city, so he calls his landlord to tell him that he is not interested in renewing his lease when it expires next month.

(b) Valerie recently lost her job and, for the last three months, has neglected to pay her landlord the monthly rent they agreed upon in writing when she moved into her apartment eight months ago.

(c) Mark writes a letter to his landlord that lists numerous complaints about the apartment he has agreed to rent for two years.

(d) Leslie thinks that her landlord is neglecting the building in which she rents an apartment. She calls her attorney to ask for advice.

Answer: b. Valerie signed a legally binding document that requires her to pay a monthly rent for her apartment and she has failed to do this for the last three months. Therefore, she has violated her apartment lease.

2. It is appropriate to compensate someone if you have damaged his or her property in some way. This is called Restitution. Which situation below is the best example of Restitution?

(a) Jake borrows Leslie's camera and the lens shatters when it falls on the ground because he fails to zipper the case. When Jake returns the camera, he tells Leslie that he will pay for the repair.

(b) Rebecca borrows her neighbor's car, and when she returns it, the gas tank is practically empty. She apologizes profusely and tells her neighbor she will be more considerate the next time.

(c) Aaron asks Tom to check in on his apartment while he is out of town. When Tom arrives, he discovers that a pipe has burst and there is a considerable amount of water damage. He calls a plumber to repair the pipe.

(d) Lisa suspects that the pothole in her company's parking lot caused her flat tire. She tells her boss that she thinks the company should pay for the repair.

Answer: a. Jake damaged Leslie's camera while it was in his possession and he has agreed to compensate Leslie for the cost of the repair.

3. People speculate when they consider a situation and assume something to be true based on inconclusive evidence. Which situation below is the best example of Speculation?

(a) Francine decides that it would be appropriate to wear jeans to her new office on Friday after reading about "Casual Fridays" in her employee handbook.

(b) Mary spends thirty minutes sitting in traffic and wishes that she took the train instead of driving.

(c) After consulting several guidebooks and her travel agent, Jennifer feels confident that the hotel she has chosen is first-rate.

(d) When Emily opens the door in tears, Theo guesses that she's had a death in her family.

Answer: d. This is the only situation in which someone makes an assumption that is not based on conclusive evidence. Choices a and c reflect situations in which assumptions are made based on evidence. In choice b, Mary is not assuming anything to be true. She is simply wishing that she'd made a different decision.

4. A Guarantee is a promise or assurance that attests to the quality of a product that is either (1) given in writing by the manufacturer or (2) given verbally by the person selling the product. Which situation below is the best example of a Guarantee?

(a) Melissa purchases a DVD player with the highest consumer ratings in its category.

(b) The salesperson advises Curt to be sure that he buys an air conditioner with a guarantee.

(c) The local auto body shop specializes in refurbishing and selling used cars.

(d) Lori buys a used digital camera from her coworker who says that she will refund Lori's money if the camera's performance is not of the highest quality.

Answer: d. Choices a, b, and c do not describe situations in which a product is guaranteed. Only choice d reflects a situation in which a seller attests to the quality of a product by giving the buyer a promise or assurance about its quality.

5. Reentry occurs when a person leaves his or her social system for a period of time and then returns. Which situation below best describes Reentry?

(a) When he is offered a better paying position, Jacob leaves the restaurant he manages to manage a new restaurant on the other side of town.

(b) Catherine is spending her junior year of college studying abroad in France.

(c) Malcolm is readjusting to civilian life after two years of overseas military service.

(d) After several miserable months, Sharon decides that she can no longer share an apartment with her roommate Hilary.

Answer: c. Malcolm is the only person returning to a social system that he has been away from for an extended period of time.

6. Embellishing the Truth occurs when a person adds fictitious details or exaggerates facts or true stories. Which situation below is the best example of Embellishing the Truth?

(a) Isabel goes to the theater, and the next day, she tells her coworkers she thought the play was excellent

(b) The realtor describes the house, which is eleven blocks away from the ocean, as prime waterfront property.

(c) During the job interview, Fred, who has been teaching elementary school for ten years, describes himself as a very experienced teacher

(d) The basketball coach says it is likely that only the most talented players will get a college scholarship.

Answer: b. The realtor is using a clear exaggeration when she states that a house which is eleven blocks away from the ocean is prime waterfront property.

Answer questions 7 through 9 on the basis of the information below.

At a small company, parking spaces are reserved for the top executives: CEO, president, vice president, secretary, and treasurer—with the spaces lined up in that order. The parking lot guard can tell at a glance if the cars are parked correctly by looking at the color of the cars. The cars are yellow, green, purple, red, and blue, and the executives' names are Alice, Bert, Cheryl, David, and Enid.

The car in the first space is red.

A blue car is parked between the red car and the green car.

The car in the last space is purple.

The secretary drives a yellow car.

Alice's car is parked next to David's.

Enid drives a green car.

Bert's car is parked between Cheryl's and Enid's.

David's car is parked in the last space.

7. What color is the vice president's car?

(a) green

(b) yellow

(c) blue

(d) purple

Answer: a. The vice president's car cannot be red, because that is the CEO's car, which is in the first space. Nor can it be purple, because that is the treasurer's car, which is in the last space, or yellow, because that is the secretary's. The president's car must be blue, because it is parked between a red car (in the first space) and a green car, which must be the vice president's.

8. Who is the CEO?

(a) Alice

(b) Bert

(c) Cheryl

(d) David

Answer: c. The CEO drives a red car and parks in the first space. Enid drives a green car; Bert's car is not in the first space; David's is not in the first space, but the last. Alice's car is parked next to David's, so Cheryl is the CEO.

9. Who is the secretary?

(a) Enid

(b) David

(c) Cheryl

(d) Alice

Answer: d. Cheryl cannot be the secretary, since she's the CEO, nor can Enid, because she drives a green car, and the secretary drives a yellow car. David's, the purple car, is in the last space. Alice is the secretary, because her car is parked next to David's, which is where the secretary's car is parked.

On 1st July 2007 the smoke-free law was introduced in England with the aim of protecting employees in their places of work, and the general public in enclosed public places, from the effects of secondhand smoking. These law changes mean that all public transport and work vehicles used by more than one person must now be smoke-free, nosmoking signs must be displayed in all smoke-free premises and vehicles, and staff smoking rooms are no longer allowed; staff who want to smoke must go outside. Local councils in England have the responsibility of enforcing the law but it is the legal responsibility of the managers of smoke-free premises and vehicles to make sure people don't smoke. Individuals can be fined or prosecuted for breaking the law and employers can be fined if they do not display the no-smoking signs or if they allow smoking to continue on their premises.

10. Secondhand smoking can cause lung cancer, bronchitis and other respiratory diseases

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Secondhand smoking can cause lung cancer, bronchitis and other respiratory diseases. Cannot say There is nothing in the passage to substantiate this claim.

11. Truck drivers working alone are not allowed to smoke under the new law

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Truck drivers working alone are not allowed to smoke under the new law. Cannot say The passage states that as a result of the new law, work vehicles used by more than one person must be smoke-free, however the passage does not tell us explicitly that the law extends to lone truck drivers (it just fails to mention either way), so we cannot say without further information.

12. It is no longer legal for internal smoking rooms to be provided for employees

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: It is no longer legal for internal smoking rooms to be provided for employees. True The passage states that “staff smoking rooms are no longer allowed; staff who want to smoke must go outside”. Employees are the same as “staff” so we are in effect told this statement is true.

A survey by the Confederation of British Industry (CBI) has shown that whilst employees use the internet mostly for work, they spend on average an equivalent of ten days a year using the internet for personal use during working hours. The survey of more than 500 member organisations found that this is costing the country over £10 billion a year in lost business. Extreme examples include one employee who spent all day playing a fantasy game on the internet and another who ran his own internet buying and selling business on his office computer. Both have been dismissed. A different survey of nearly 800 office workers conducted by Global Secure Systems revealed that on average staff spend half an hour a day on

social networking sites during working hours. Some companies, however, condone the use of the internet for personal use, especially social networking sites. Indeed, the deputy director general of the CBI, John Cridland, believes that sensible use of the internet can improve productivity and morale.

13. The CBI survey found that employees spend an average of ten days a year using the internet for work-related business

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: The CBI survey found that employees spend an average of ten days a year using the internet for work-related business. False The CBI survey found that employees spend an average of ten days a year using the internet for personal use, not work-related business. The passage states that the survey found that employees use the internet mostly for work. It can be taken from the passage that 'mostly' is more than the 10 hours spent on personal use.

14. One employee was dismissed for playing Second Life during working hours

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: One employee was dismissed for playing Second Life during working hours. Cannot say We are told that an employee was dismissed for playing a fantasy game, but the game is not named.

15. A survey found that staff sometimes visit social networking sites during working hours

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: A survey found that staff sometimes visit social networking sites during working hours. True The Global Secure Systems survey found that employees spend an average of half an hour a day on such sites.

16. The CBI allows personal internet use as long as it is a social networking site

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: The CBI allows personal internet use as long as it is a social networking site. Cannot say

Computer Vision Syndrome (CVS), eye strain due to frequent viewing of computer monitors, has developed into a major health issue for office workers during the last few years. There are, however, a few simple things workers can do to reduce CVS. One obvious one is to get frequent eye tests. Practical considerations include making sure the light coming from outside or the office ceiling lights are not too bright, reducing glare, adjusting the brightness of the computer screen so that its brightness is similar to that of the office, and adjusting the screen text size and colour for maximum comfort. For your own comfort make sure you blink often, exercise your eyes by looking away from the screen every few minutes and take real breaks away from the computer screen at least once an hour.

17. CVS has been a major health issue for over thirty years

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: CVS has been a major health issue for over thirty years. True False Cannot say There are actually two reasons for not being able to determine whether this is true or false. The most important is that the passage tells us CVS “has developed into a major health issue for office workers” whereas the question is asking about people generally. We are not told about CVS in non-office workers. The other reason this would be difficult to determine as certainly true or certainly false is that we are not told when the passage was written. Depending on when it was written would make the statement either true or false.

18. Having the correct combination of lighting factors helps to reduce CVS

- (a) True
- (b) False
- (c) Cannot say

(d)

Answer: Having the correct combination of lighting factors helps to reduce CVS. True False Cannot say
The passage describes practical considerations that “reduce CVS” as making sure that the light inside the office is not too bright, that glare is reduced and that the screen’s brightness adjusted.

19. The regular use of eye drops can help relax the eyes and reduce the effects of CVS

(a) True

(b) False

(c) Cannot say

(d)

Answer: The regular use of eye drops can help relax the eyes and reduce the effects of CVS. True False
Cannot say This may be true, but it is not referred to in the passage.

Surgeons and researchers in three countries recently collaborated to perform the world’s first transplant of a body part using stem cell technology. A 30 year old Colombian woman, Claudia Castillo, was left barely able to breathe following a tuberculosis infection that had damaged the branch of the trachea leading to her left lung. Doctors in Spain took a section of windpipe from a deceased person, and then researchers in Italy purged the donated windpipe of all its cells to leave an empty frame of tissue. A team of doctors in Bristol grew stem cells from Ms Castillo’s own bone marrow which the Italian doctors then coated onto the frame of the section of donor windpipe. The section of windpipe was then transplanted into the patient’s body. After five months, the patient is well and shows no signs of the rejection normally associated with transplants.

20. Transplants using stem cell techniques are an established part of human transplant surgery

(a) True

(b) False

(c) Cannot say

(d)

Answer: Transplants using stem cell techniques are an established part of human transplant surgery.
True False Cannot say The passage says that the “world’s first transplant of a body part using stem cell technology” was carried out “recently”. If the first occurrence was recently, it would be false to say that it is an “established” practice.

21. In the future this kind of transplant will be possible without the need for a donor

(a) True

(b) False

(c) Cannot say

(d)

Answer: In the future this kind of transplant will be possible without the need for a donor. True False Cannot say This statement might be true, but it is neither confirmed nor denied by the passage.

22. The stem cells used in Ms Castillo's procedure belonged to her

(a) True

(b) False

(c) Cannot say

(d)

Answer: The stem cells used in Ms Castillo's procedure belonged to her. True False Cannot say The passage states that a team of doctors in Bristol grew stem cells from Ms Castillo's own bone marrow.

What used to be called G7, the summit of the world's seven richest economies, has increased in members to now include the world's twenty richest economies. The new larger group, the G20, met in Washington DC in November 2008. These twenty economies between them represent 90% of global GDP. The main topic on the agenda, of course, was the global financial crisis. The results of the meeting were disappointing as the leaders did not reformulate global finance; neither did they agree on a co-ordinated fiscal boost to fight the economic recession. They did, however, agree to refrain from raising new trade barriers. This agreement did not last long as, within 48 hours, Russia had raised its tariffs on imported cars. Most agree the meeting was worthwhile and the twenty countries will meet again before the end of April. So it seems that G7 is now part of history.

23. The leaders of the world's seven richest economies will no longer meet together in future

(a) True

(b) False

(c) Cannot say

(d)

Answer: b) False The original seven richest economies "will meet again before the end of April", but a further thirteen world leaders have now joined them to make the G20. So the passage tells us they will meet again, albeit with others too.

24. In November 2008, Russia was one of the world's twenty richest economies

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: (a) True The passage states that "Russia had raised its tariffs on imported cars" thus breaking the agreement. The agreement was made between those economies that formed the twenty richest in the world at the time. At the time of November 2008, when the G20 met, Russia must have been part of the G20 and therefore one of the twenty richest economies in the world.

25. Russia, China and India were all represented at the G20 summit

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: (c) Cannot say We are told that Russia took part, but there is no mention in the passage of India or China.

The new Apple iPhone, available in the UK from July 2008, is a combined mobile phone, iPod and web browser, using the 3G phone network for faster surfing of the internet. Initially O2, Apple's exclusive UK mobile phone provider, charged customers an up-front fee for the iPhone, but it could soon be offered for free for those who pay a tariff of £75 a month. It could also be available on a pay-as-you-go basis. The new phone has sold well in the United States, but sales in Europe have been slow owing to the high price. Also the price of the older 8GB version has been drastically reduced making it a more attractive option for some buyers.

26. The Apple iPhone is available in the UK through O2, Vodafone and Virgin Mobile

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: The Apple iPhone is available in the UK through O2, Vodafone and Virgin Mobile. False The passage says that O2 is "Apple's exclusive UK mobile phone provider", meaning that no other network can sell it. Although it is now the case that other networks have rights to sell the iPhone, the answer must be based on only the information given in the passage.

27. The iPhone could soon be available free for some customers

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: The iPhone could soon be available free for some customers. True The passage tells us that the iPhone could be offered free for those who pay a tariff of £75 a month.

28. The high price of the new iPhone has increased sales of the older version

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: The high price of the new iPhone has increased sales of the older version. Cannot say We are told that the price of the older version has been reduced, but not that sales have increased. Based on what the passage tells us alone, it is not possible to say.

Originally estimated in 2005 to cost £3bn, the revised cost of the 2012 London Olympic Games had risen to £9bn by 2007, and must by now have risen still further. Can these amounts to host a sporting event over seventeen days be justified in the present economic environment? In its defence, the Mayor of London, Boris Johnson, has commented that London was "extremely fortunate" to be hosting the games in the current economic climate. Lord Coe, chairman of the 2012 organising committee, agrees and has suggested that the games could help London and the country to get through the recession. Billions of pounds worth of contracts are currently available, providing work to safeguard the jobs of more than 3,500 people now working on the games' building sites, 10% of whom had previously been unemployed.

29. The estimated cost of the 2012 Olympic Games trebled between 2005 and 2007

- (a) True
- (b) False

(c) Cannot say

(d)

Answer: True The passage states that the estimated cost in 2005 was £3bn and in 2007 had risen to £9bn. Therefore, the estimate had trebled.

30. The Mayor of London doubts the wisdom of London hosting the games in the current economic climate

(a) True

(b) False

(c) Cannot say

(d)

Answer: False On the contrary, according to the passage the Mayor thinks London is "extremely fortunate" to be hosting the games.

31. Employment resulting from the games has provided jobs for at least 350 previously unemployed people

(a) True

(b) False

(c) Cannot say

(d)

Answer: True We are told that there are "more than 3,500 people now working on the games' building sites, 10% of whom had previously been unemployed". 10% of 3,500 is 350.

32. Sebastian Coe is a former Olympic runner, and the winner of the 1500 metres races in both Moscow and Los Angeles

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say There is nothing in the passage to tell us this.

Can you imagine life vests for polar bears, or bulletproof vests for Bengali tigers? These are just two of the ideas proposed by the Swedish company ADDI Concepts to raise awareness of the plight of endangered species. Global warming has caused melting of the Arctic ice, which in turn has reduced the size and number of ice floes. Having to swim greater distances between ice floes to find food, more and more polar bears are drowning. ADDI Concepts has designed a life jacket to help polar bears stay afloat. Similarly, owing to illegal hunting, the world's population of Bengali tigers has declined by 95% over the last one hundred years. Maybe a bulletproof vest for tigers is the answer. The company does not offer these ideas as direct solutions for the problems, but rather to raise awareness and inspire action.

33. The world's population of polar bears is decreasing owing to illegal hunting

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say We are told that polar bears are starving and drowning as they find it increasingly difficult to hunt for food, but we are not told whether polar bears are or are not being hunted illegally.

34. Global warming has increased the distances between ice floes

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True Global warming has caused the Arctic ice to melt, so there is less ice and greater distances between the floes. The passage says "Global warming has caused melting of the Arctic ice, which in turn has reduced the size and number of ice floes." It also states that polar bears have to swim greater distances between ice floes to find food.

35. ADDI Concepts' main reason for developing life jackets for polar bears and bulletproof vests for tigers is to raise awareness of endangered species

- (a) True
- (b) False
- (c) Cannot say

(d)

Answer: True The passage says that the ideas are “to raise awareness of the plight of endangered species”. It then goes on to say “The company does not offer these ideas as direct solutions for the problems, but rather to raise awareness...”

36. Changing the law on the hunting of Bengali tigers would have no effect on the number that are hunted

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say Without knowing what the law change would be, it is not possible to tell. Even if we were told what the law would be, the passage does not say that this would or would not have any effect on the actual hunting of Bengali tigers.

Studies conducted at the University of Otago, New Zealand, have shown that children who watch television for more than two hours a day face increased health problems later in life, including obesity, high blood cholesterol and heart problems. It is a well-researched fact that obesity can be caused by poor diet or by a lack of physical exercise, but watching television seems to have a more significant link to obesity than other sedentary activities such as reading, writing or driving. Researchers at Harvard have discovered that watching television slows the metabolism and causes fewer calories to be burned than these other activities, and there seems to be a negative correlation between the metabolic rate and the number of hours of TV watched. Many families eat their evening meal in front of the television and watching television also encourages unnecessary eating of snacks.

37. Watching television as a child causes obesity and other health problems later in life

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say According to the passage, studies have shown that children who watch television for more than two hours per day face increased health problems later in life, including obesity. The passage therefore identifies a link, but it does not say explicitly that watching television is or is not a cause of obesity. For example, the children in the study could be watching more television because they are obese.

38. Research has shown that watching television burns fewer calories than reading

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True The passage tells us that research at Harvard has shown that “watching television...causes fewer calories to be burned than these other activities [reading, writing or driving].”

39. Food advertisements on the television tempt viewers to eat more

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say There is no reference made in the passage to whether food advertisements do or do not tempt viewers to eat more.

With the world’s finite resources of oil rapidly being depleted, solutions are being sought to extend the lifetime of available oil. One idea being proposed is the use of carbon credits. The Environmental Audit Committee considers such a scheme to be more effective than imposing taxes for excessive carbon emission. Taxes, such as a petrol tax, would relatively affect poor people more since everybody (both rich and poor) would pay the same amount. The carbon credit system, on the other hand, is fairer and would engage the population in the fight against climate change. Under the scheme, companies would be given an annual limit for the amount of fuel and energy they use. If they exceeded that limit, then they could purchase credits from other companies who have used less than their quota. This scheme, also called ‘carbon trading’ is likely to be unpopular with the public and the government has decided not to go ahead with it for the moment.

40. A tax on petrol would be felt by poorer people more keenly than wealthy people

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True The 4th sentence in the passage identifies that a petrol tax would relatively affect poor people more than wealthy since everybody would pay the same amount.

41. A carbon credit system would ensure that the world's resources of oil would never be depleted

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False The carbon credit scheme is aimed at extending the lifetime of oil, but cannot make it last forever. We are told that the world's resources of oil are "finite" and therefore they cannot last forever.

42. A company that uses less than its quota of carbon credits can sell some to another company that has exceeded its quota

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Whilst it is true that under the carbon trading system described companies can buy and sell some of their carbon quota, the last sentence tells us that this trading system is not yet in place. Since we are not told when the article was written, we cannot say for sure whether the carbon trading system described is or is not in place.

The Wootton Report of 1968 concluded that cannabis smoking is basically harmless. A British Medical Association report of 2007 reported that cannabis can have a therapeutic value in the treatment of certain medical conditions. Another independent study by the Joseph Rowntree Foundation in 2002 concluded that relaxing the cannabis laws and reclassifying it as a Class C drug could save the police £38 million a year and improve relations between the police and the community. Yet today it is still classified as a Class B drug; it is illegal to grow, possess or supply the drug. If caught in possession, offenders can be jailed for 5 years; 14 years for trafficking. The number of adults using the drug has doubled in the last decade to around 4 million. They consume around 800 tonnes and spend £3.5 billion every year. The main argument against the use of cannabis is that it can lead on to the use of harder drugs.

43. The Wootton report recommended reclassifying cannabis as a Class C drug

- (a) True
- (b) False

(c) Cannot say

(d)

Answer: The passage tells us that the Wootton Report concluded that cannabis is "basically harmless" but we are not told whether the report made any recommendations in respect of the classification of cannabis.

44. A British Medical Association report of 2007 suggested that there can be therapeutic value in using cannabis to treat some symptoms which could not be alleviated with normally prescribed medication

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say Whilst the British Medical Association report reported that there can be therapeutic value in using cannabis for certain medical conditions, the passage does not state whether the symptoms of these conditions can or cannot be alleviated with normally prescribed medication.

45. Offenders can be jailed for 5 years for being caught in possession of cannabis

(a) True

(b) False

(c) Cannot say

(d)

Answer: True The passage explicitly says, "If caught in possession, offenders can be jailed for 5 years".

46. A study by the Joseph Rowntree Foundation has concluded that reclassifying cannabis as a Class C drug could result in savings for the police but would compromise relations between the police and the public

(a) True

(b) False

(c) Cannot say

(d)

Answer: False According to the passage, the Rowntree study reported that police would save money (£38 million) if cannabis was reclassified. However, the study also reported that the measure could improve relations between the police and the community.

In a study of 3,000 employed men in the 19-70 age range over a period of 10 years, researchers found that those working for inconsiderate bosses were more likely to suffer from stress and stress-related illness than those working for more considerate and enlightened bosses. Previous research had shown that employees with inconsiderate bosses suffered from high blood pressure which is known to increase the risk of heart disease. In the latest survey the researchers asked employees to assess the competence of their bosses as leaders. They found that those who had categorised their boss as incompetent were 25% more at risk of serious heart disease and that this level of risk increased the longer they continued to work for the same boss. The statistics took into account external factors such as social class, educational background, lifestyle and any existing illness. The researchers recommended that should their findings be confirmed, managers should be given training to help them improve their working relationships.

47. Twenty five percent of the 3,000 men in the study group suffer stress due to inconsiderate bosses

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say The passage discusses a base of 3,000 men, but it does not state what percentage of the men suffered stress due to inconsiderate bosses.

48. Managers should be given training to help them improve their working relationships

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: The passage states that recommendations are subject to confirmation. The passage does not tell us for certain if this statement is either true or false.

49. There is a link between high risk rates of cardiac illness among employees that have incompetent bosses

- (a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say There are two studies referred to in the passage. The first study mentions inconsiderate bosses and high blood pressure as actual findings. The second study discusses incompetence and the risk of cardiac illness. However, it only discusses the employees' perception of their bosses as being incompetent – it makes no objective claim to have shown that the bosses were in fact incompetent.

There are two studies referred to in the passage. The first study mentions inconsiderate bosses and high blood pressure as actual findings. The second study discusses incompetence and the risk of cardiac illness. However, it only discusses the employees' perception of their bosses as being incompetent – it makes no objective claim to have shown that the bosses were in fact incompetent.

The European Space Agency (ESA) is the body which decides the scope and direction of European space initiatives. It is funded by its participating states, currently 18 in number. Each contributes according to its own economic power. The body controls the funding of existing activities such as the Planar rocket and space station projects but is also responsible for the initiation of new projects like a new generation of weather satellites. Some of the programmes are compulsory but others are not and member states are free to choose in which of the latter they will become involved. There is a direct correlation between the amount of money that a state agrees to invest in a programme and the amount of benefit it can expect in return through contracts awarded to its domestic space industry. ESA directors are keen to maintain a high level of funding from its member states even in times of global economic downturn. They believe that a longer term view is needed.

50. Space industries in the larger ESA contributor member states get more work from the ESA than the smaller contributors

(a) True

(b) False

(c) Cannot say

(d)

Answer: True The relationship between the amount of money a state invests and the benefit it receives through contracts awarded to its domestic space industry is explicitly stated in the passage.

51. Even in tough economic times, ESA directors wish to maintain a high level of work flowing through to the space industries of member states.

(a) True

(b) False

(c) Cannot say

(d)

Answer: True This is not explicitly stated. However, the passage states that ESA directors wish to keep their funding high even in times of global economic downturn. Elsewhere, ESA funding is stated as being directly related to the volume of work that passes back to member states' space industries. Under the funding structure described in the passage, work flowing through to member states can only happen if the ESA's budget is maintained. The statement is therefore true by way of reasoning.

52. Member states can choose to spend their money on the Planar rocket or new weather satellites

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say The passage confirms that some projects are mandatory and others are not – it does not specify which individual projects are mandatory or otherwise.

53. The temperature on Monday was lower than on Tuesday.
The temperature on Wednesday was lower than on Tuesday.
The temperature on Monday was higher than on Wednesday.
If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer: c. We know from the first two statements that Tuesday had the highest temperature, but we cannot know whether Monday's temperature was higher than Tuesday's.

54. Spot is bigger than King and smaller than Sugar.
Ralph is smaller than Sugar and bigger than Spot.
King is bigger than Ralph.
If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer: b. Spot is bigger than King, and Ralph is Bigger than Spot. Therefore, King must be smaller than Ralph.

55. A fruit basket contains more apples than lemons.
There are more lemons in the basket than there are oranges.
The basket contains more apples than oranges.
If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer: a. There are fewer oranges than either apples or lemons, so the statement is true.

56. The Shop and Save Grocery is south of Greenwood Pharmacy.
Rebecca's house is northeast of Greenwood Pharmacy.
Rebecca's house is west of the Shop and Save Grocery.
If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer: b. Because the first two statements are true, Rebecca's house is also northeast of the Shop and Save Grocery, which means that the third statement is false.

57. Joe is younger than Kathy.
Mark was born after Joe.
Kathy is older than Mark.
If the first two statements are true, the third statement is

(a) true

- (b) false
- (c) uncertain
- (d)

Answer: a. Joe is younger than Kathy and older than Mark, so Mark must be younger than Kathy.

Kangaroo culling is a controversial issue in Australia, where the government has implemented culls to control populations. The issue is particularly emotive because of the kangaroo's status as a national icon, with some detractors viewing the culls as an attack on Australia's identity. Although indigenous to Australia, kangaroos are, in some areas, threatening the grassland ecosystem. Overgrazing causes soil erosion thus threatening the survival of certain rare species of lizard. Furthermore, in overpopulated areas, food scarcity is driving kangaroos to damage wheat crops. Protesters typically oppose the cull on grounds that it is inhumane. Instead, they favour the relocation of kangaroos to suitable new habitats, or sterilizing the animals in overpopulated areas. Sterilization, however, will not have an immediate effect on the problems of limited resources and land degradation. Not only is transporting large numbers of kangaroos an expensive undertaking, critics believe it would potentially traumatize the relocated kangaroos and ultimately threaten the new habitat.

58. The majority of animal rights activists oppose the Australian government's policy of kangaroo culls

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say – the passage does not specify whether most animal rights activists oppose the policy – merely that it is a controversial issue and that protesters oppose the culls as inhumane. In fact, many animal advocacy groups support the culls as being in the long-term interests of the kangaroo.

59. The foremost argument against culling kangaroos is that it threatens Australian national identity

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False – while the second sentence states that some detractors oppose the culls on these grounds, the sixth sentence says that protestors “typically” oppose the culls on grounds that it is inhumane. The word “typically” suggests that this is the foremost argument.

60. Kangaroos present a threat to agriculture as well as to the ecosystem

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True – the passage states that kangaroos damage wheat crops.

61. In overpopulated areas where food is scarce, kangaroos are preying on rare lizards

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False – rare species of lizard are threatened because kangaroos overgraze, thus destroying the lizards’ habitat.

62. Sterilization is an inadequate solution to habitat destruction

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True – sterilized kangaroos will not be able to breed, but they will continue to graze.

Plastics represent the fastest-growing category of waste. Worldwide consumers use 500 billion plastic shopping bags and drink 154 billion litres of bottled water annually. The majority of these bags and bottles are made from polyethylene terephthalate (PET), a plastic derived from crude oil. Because PET takes over 1,000 years to degrade and leaks dangerous chemicals into the soil, many communities have instituted recycling programmes to reduce the amount of plastic destined for landfill. However, recycling plastic is not a perfect solution. Firstly, there are many different types of plastic, and sorting

them makes recycling labour-intensive. Secondly, because the quality of plastic degrades with each reuse, recycled plastic has a low value. For economic reasons, most of Europe's plastic is shipped to China for recycling processing. The downside to this is that the transportation consumes large amounts of energy and working conditions in the Chinese processing factories are poor. While recycling plastic may salve the conscience of western consumers, reducing plastic proliferation is a better solution.

63. Plastic recycling is more profitable to process in China than in western countries

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True – the 8th sentence tells us that “for economic reasons” most of Europe's plastic is shipped to China for recycling. Europe can be assumed to be equivalent to “western countries”.

64. The passage suggests that finding alternatives to PET is a preferable solution to recycling

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False – in the final sentence, the passage suggests that reducing the use of plastic is a preferable solution.

65. There are both environmental and economic drawbacks to recycling plastic

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True – the environmental drawback is the energy required to transport the waste to China. The economic drawbacks are that recycled plastic has a low value.

66. The proliferation of shopping bags and water bottles has made plastic the fastestgrowing category of waste

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say – while the passage cites high usage of shopping bags and water bottles, it does not specify this as the cause for the fast growth of plastic waste.

67. Plastic recycling does not extend the life of the material indefinitely

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True – the passage states that “the quality of plastic degrades with each use” which means that it cannot be used forever.

Britain is still firmly committed to the EXOMars Robot project even though the scope and the cost have grown in the three years since it was first initiated. The shape of the project has changed dramatically, mainly due to the increased expectations of scientists. According to the ESA, this change in direction justifies the almost doubling of the original budget. The increased cost will, however, have to be met by the participating countries that originally signed up to fund this programme. Both Italy, the project leader, which provided much of the initial programme funding, and Britain, will have to significantly increase their share of funding for this project. Britain considers that this project makes the most of its expertise in robotics. To date Britain has not been involved in other high-profile ESA programmes such as the Columbus science laboratory and the Ariane Rocket project. The ESA now hopes to send the robot to Mars in 2016.

68. Italy and Britain are covering the cost of the ESA's EXOMars Robot project and the costs have risen significantly over the past three years

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False There are two propositions here – the first proposition, that Italy and Britain are covering the cost of the mission, is false. The passage states that they will need to increase their share of the funding, which by definition means they are not bearing the entire cost of the project. The second proposition, that the mission's costs have risen significantly over three years, is correct. The two propositions are linked in the statement by 'and', therefore the entire proposition is false.

69. Britain has accepted that the change in mission direction justifies the near doubling of the budget

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say The passage states that the ESA has said that the change in direction justifies the increase in the budget – the position of Britain is stated only to be one of ongoing commitment to the project. The passage does not confirm whether or not Britain accepts that the doubling of project costs is justified by the change in direction to which the passage refers. Britain's ongoing commitment against the backdrop of a rising budget could be due to many factors other than their acceptance of the ESA's justification.

70. Historically, Britain has tried to avoid ESA high-profile missions

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say No explanation is given for Britain's non-participation in other ESA high-profile missions. Therefore the truth of the words 'try to avoid' cannot be confirmed either way.

Some commentators argue that in times of global economic uncertainty governments should be boosting flagging economies by investing in major infrastructure projects. Many people are of the opinion that governments should grasp the opportunities presented to tackle global climate change at the same time as stimulating the economy, by using this public sector investment to move towards a new low-carbon infrastructure which would be an effective way of reducing carbon emissions and of ensuring security of energy supplies. They claim investment is needed in projects like renewable energy generation, modernising buildings to be more energy efficient, improving transport networks and even building pipelines to carry captured CO₂ to undersea storage facilities. They acknowledge, however, that the political will has to be found and that this has to be done on a global level if positive results are to be realised.

71. Some commentators believe the best way to boost a flagging economy would be for governments to invest in major 'green'-related infrastructure projects

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say The passage makes no such claim. It states that some commentators believe infrastructure spending would help boost the economy but not that this is the best way to do so. The passage also makes no claim that 'green' infrastructure projects would be more effective at boosting the economy than other projects, such as road building.

72. Some people believe that a flagging economy should be good for 'green' projects

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True Although not explicitly stated, the passage does say that some people believe that infrastructure investment would stimulate a flagging economy. It also states that some people believe that any such spending should be used to drive forward green projects. It is logical to conclude therefore that some people feel that spending should be available for deployment on green projects that would not have been available unless the economy was flagging.

73. Renewable energy generation projects will have a positive impact regardless of their scale

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False The passage provides that people "acknowledge" (i.e. recognise as being true) that "this has to be done on a global level if positive results are to be realised".

Existing targets for reducing carbon emissions worldwide acknowledge that the current high levels of greenhouse gasses in our atmosphere are an accumulation over many decades that can be directly

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attributed to today's developed economies. This situation has led to developing economies like India, China and Mexico having less aggressive targets for emissions reduction than the developed countries. There is concern though that unless these large emerging economies are fully committed to reducing carbon emissions, their desire for rapid economic growth coupled with less stringent emission targets will encourage them to continue to use traditional production methods rather than introduce cleaner and more sustainable technologies. If the reduction of carbon emissions worldwide has any hope of success, the emerging economies must be able to contribute on an equal basis to the decision making processes which will determine how this is to be achieved.

74. Developing economies have less stringent emissions reduction targets than developed economies do

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True The passage states that “developing economies like India, China and Mexico [have] less aggressive targets for emissions reduction than the developed economies”.

75. The developing countries will resist any move to stricter emissions targets

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say The passage states that existing emissions targets for developing countries are less demanding than those of developed countries. It attributes this position to the fact that historically developing countries were not major contributors of greenhouse gas emissions, but it does not explain the thinking of developing countries, or their justification for having less demanding existing targets than the developed world . There is also an indirect assertion that developing countries’ acceptance of more aggressive targets in future could be linked to the extent to which they feel equal contributors to the debate. Any discussion of their reaction to potentially more aggressive targets in future is therefore speculation.

76. Currently, developing economies produce less carbon dioxide per year than developed countries do

- (a) True
- (b) False

(c) Cannot say

(d)

Answer: Cannot say Although this statement might sound likely from the passage, nowhere does the passage state how the current emissions from developed and developing countries compare. We are told that developed countries historically were responsible for high emissions, but we are not given information about the present.

Some studies of temperatures around the world have found that global warming is speeding up and claim that the 1980s and 1990s were the hottest decades for the past 400 years. The average global temperature has gone up by 0.8°C in the past 125 years, from 18°C. Some areas of the Arctic across Russia and Canada have had an increase double that of the global average increase, shooting their temperatures up to 13°C. The changes resulting from shorter, warmer winters are affecting all aspects of life for the indigenous Inuit people. The ice melts faster restricting access to hunting sites and making it harder to find the basic building material for the igloos widely used on hunting trips. This is causing difficulty for the Inuit, as hunting is their primary food source.

77. The Inuit of the Arctic region are building fewer igloos on hunting trips

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say Mention is made only of ice as a building material being harder to find. No mention is made as to whether or not the number of igloos constructed on hunting trips has declined as a result.

78. Studies have found that the temperature has doubled in some areas of Canada

(a) True

(b) False

(c) Cannot say

(d)

Answer: False Average increases relative to global averages have doubled in some areas of Canada, not actual temperatures. An increase of double the global average would mean an increase of 1.6°C to a high of 13°C. That is not double.

79. The INUIT people obtain all their food from hunting

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False The article refers to hunting as a primary, not exclusive, source of food.

In an effort to preserve fishing stocks, for many years the European Union has used a quota system to regulate the amount of fish that can be taken out of the North Sea. This involves defining the tonnage of the various types of North Sea fish that each EU member country can take. As soon as the catch is landed - but not before - fishermen can be fined for landing more fish at their port than their quota permits. Each year fisherman dump thousands of tonnes of fish back into the sea either because they have reached their quota and don't want to be fined or because the fish are too small to be caught legally. Some environmental groups feel that existing approaches are not working since these fish are already dead and throwing them back serves no real purpose. They believe that other steps need to be taken to conserve North Sea fishing stocks and avoid depletion.

80. Fish stocks in the North Sea are nearly exhausted

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say Only mention is that the EU are seeking to preserve existing stocks and environmentalists wish to avoid depletion. We are not told how close the fish stocks are to being exhausted.

81. Some environmental groups think new conservation methods are called for

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True The article states that environmental groups believe "existing approaches are not working" and "other steps need to be taken". So if measures other than existing are called for, this must mean new methods are called for.

82. Fishermen can be fined for catching too many fish

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False The article states that fishermen can be fined “as soon as the catch is landed - but not before-” so they cannot be fined just for catching them. The article also says that fishermen dump fish outside the port to avoid a fine.

Biofuels are now being used worldwide and supporters claim that they are a sustainable, renewable and cleaner alternative to traditional fossil fuels like coal and petroleum, supplies of which are becoming exhausted. Biofuels are increasingly used in the transportation sector. The main producers of biofuels are in Asia, Europe and America. They can be produced from any carbon source including landfill gasses and recycled vegetable oil but most of the biofuels produced around the world is derived from photosynthetic plants. The two main types of plant used in production are those high in sugar, which are fermented to produce ethanol, and those high in oil, which have the oil extracted and heated to reduce viscosity. Burning biofuels releases the same amount of CO₂ that the plants took out of the environment when growing so there is no net increase in levels of atmospheric carbon.

83. Biofuels can be used to power aircraft

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say This may be true but the article refers only to biofuel’s increasing use in transportation. Since the article does not explicitly say that all forms of transportation can use biofuels, or conversely that aircraft can use it, we are not able to tell if it can be used to power aircraft.

84. Plants high in oil can have their oil heated to make it flow more freely

- (a) True
- (b) False
- (c) Cannot say

(d)

Answer: True The passage says that one type of plant used in the production of biofuels has its oil “extracted and heated to reduce viscosity”. Reducing viscosity means making a liquid less thick and freer flowing.

85. Ethanol can be produced from photosynthetic plants with high oil content

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say The passage tells us that plants high in sugar content “are fermented to produce ethanol”. One might be inclined from reading that plants high in oil content have their “oil extracted and heated to reduce viscosity” do not produce ethanol but produce something else. Conversely, one could argue that plants high in sugar content could also have high oil content. However, the text does not explicitly say whether ethanol can or cannot be produced from photosynthetic plants with high oil content.

Many businesses now recognise that there are wide-ranging benefits to be gained from offering their workforce flexible working arrangements. These arrangements can include being able to work from home, job sharing, part time working and being able to choose when to complete agreed hours, for example through working fewer but longer days, or working flexitime. Employees able to adopt flexible working are better able to balance work and family commitments and are therefore happier at work, experiencing greater job satisfaction. They are also more motivated and less likely to leave. For businesses, they reap the benefits through productivity increases, and greater cost-effectiveness. Staff recruitment costs are not insignificant to businesses. Customers can benefit too as businesses are better able to react quickly to changes in the market. All employees now have a statutory right to request flexible working arrangements. The law extends as far as insisting employers consider and respond to these requests within a predefined timescale.

86. Parents able to adopt flexible working experience better job satisfaction because they can better balance time between work and family commitments

(a) True

(b) False

(c) Cannot say

(d)

Answer: True Parents are not specifically mentioned in the text but the passage does say that “Employees able to adopt flexible working are better able to balance work and family commitments...experiencing greater job satisfaction”. Since the term “employees” includes employed parents, it can be taken that parents are included in this statement.

87. Employees have a legal right to flexible working arrangements if they want them

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False The text states that “All employees now have a statutory right to request flexible working arrangements. The law extends as far as insisting employers consider and respond to these requests...”. So the passage is telling us that the law requires the employer to consider the employee’s request but that is as far as the law goes; i.e. it does not go as far as saying they have to honour the request.

88. Employers can reduce recruitment costs through introducing flexible working hours

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True The passage tells us that by adopting flexible working hours, staff are “more motivated and less likely to leave”. We are also told that “Staff recruitment costs are not insignificant to businesses.” So, we are effectively told that by increasing staff retention, businesses can save money on recruitment.

There have been three major influenza pandemics over the last century. The first and most severe was the Spanish flu of 1918 that infected half of the world’s population and from which around 50 million people died. The next was the 1957 Asian flu which also infected nearly half of the world’s population, but the number of fatalities was lower: about $\frac{3}{4}$ of a million in total. The third was the Hong Kong flu of 1968-69 which was the cause of between 1 and 3 million deaths. To put these figures into perspective, the more recent but more widely reported outbreaks have been comparatively small. It must also be remembered that between $\frac{1}{4}$ and $\frac{1}{2}$ million people worldwide die of seasonal influenza every year. Better communication worldwide in the last few decades means that new strains of flu become worldwide news very rapidly, but it also means that governments can quickly put into effect measures to help prevent the spread of the disease.

89. The world's population in 1918 was less than 80 million

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- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False The passage states that half of the world's population was infected in 1918 during the Spanish flu outbreak, from which around 50 million people died. Even supposing that everyone who was infected died as a result, that still means the entire world's population would have been around 100 million.

90. The Hong Kong flu pandemic of 1968-1969 had the second highest death toll from flu in the last century

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True The passage states that the flu outbreak with the highest death toll was the Spanish flu. Of the other two major outbreaks, the Asian flu had $\frac{3}{4}$ million deaths whereas the Hong Kong flu had between 1 and 3 million deaths.

91. Major flu pandemics occur at least three times a century

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say While it is true that there were three major flu pandemics in the twentieth century, the passage provides no evidence of the frequency of pandemics in previous centuries.

92. Modern communication helps to prevent the spread of flu pandemics

- (a) True
- (b) False

(c)

(d) Cannot say

Answer: True The passage tells us that better communication "in the last few decades" has allowed governments to quickly put into effect measures to help prevent the spread of the disease.

With increasing costs of fuel and environmental concerns, hybrid cars are the way of the future. Hybrids provide both improved fuel economy and reduced emissions. Hybrid cars use a petrol engine and an electrical energy storage device, usually a battery of nickel-metal hydride cells. When a large amount of energy is required, the two work together; when a lesser amount of energy is required (at lower speeds around town), the stored electrical energy powers an electric motor. You won't notice much difference from a conventional car when you drive a hybrid, except that there will be very little noise at low speeds. What you will notice, however, is the improved fuel economy and dashboard displays that inform you about the energy flow and fuel consumption. Most hybrid cars have shown reduced greenhouse gas emissions of around 25% compared with a petrol car of a similar type, and use 15% to 30% less fuel. The purchase price of a hybrid is around 10% more than a similar-sized petrol-driven car, but the saving in the use of fuel should soon pay for the difference.

93. The only source of propulsion in a hybrid car is an electric motor

(a) True

(b) False

(c) Cannot say

(d)

Answer: False The passage tells us that hybrid cars are powered by both a petrol engine and an electrical motor. Although they may at times be solely electrically powered (such as at lower speeds), there are other times when both devices must be used together.

94. Hybrid cars use less fuel and are more economical than conventional petrol-driven cars

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say The passage tells us that "Most hybrid cars" use 15% to 30% less fuel compared with a petrol car of a similar type. This does not rule out the possibility that some hybrid cars use more fuel.

Also, the last sentence goes on to say that the saving in fuel costs “should soon pay for the difference”. So we are not told either way if they are more economical or not.

95. The nickel-metal hydride cells add around 10% onto the cost of a hybrid car compared with a similar conventionally-powered car

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say The passage states that the purchase price of a hybrid car is around 10% more than a conventional car. This is likely to be due to the increased cost of manufacturing the car (which will include the cells, but also the other new technologies such as the dashboard displays that inform drivers about the energy flow and fuel consumption). It may also be due to other factors, such as the perceived desirability of owning an environmentally friendly car. However, the passage does not specify the reason(s) for the increased price.

Cyberbullying is a relatively new phenomenon. It occurs mainly among young people, especially teenagers, and has replaced traditional forms of physical and verbal bullying, presumably because it can provide some anonymity and is seen to be ‘at a distance’. The main types of cyberbullying are by direct contact through e-mails, instant messages or the use of mobile phones for texting or sending photographs or videos. However, increasingly we are seeing the use of social networking sites where bullies make fun of victims or even get hold of their messaging accounts and chat to people pretending to be the victim. Cyberbullying can be more harmful than traditional forms of bullying since it happens at home (where victims should feel safe) and can involve many bullies at once. In the world of modern communication, cyberbullying is difficult for the victims to escape from.

96. You are more likely to be a victim of cyberbullying if you are an adult

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: false The passage states that cyberbullying “occurs mainly among young people” which means you are less likely to be a victim if you are an adult.

97. Social networking sites can be used by cyberbullies by stealing the identity of their victim and pretending to be them

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True The passage states that cyberbullies can get hold of the messaging accounts of their victim and chat to people pretending to be the victim.

98. The solution to reduce cyberbullying is for parents to restrict their children's use of the internet and their mobile phones

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say The passage does not offer any solutions to cyberbullying.

Seventy years ago a girl discovered a strange skeleton in a tunnel in Mexico. All that remains of the skeleton today is the skull. In 1999 the skull was given to Lloyd Pye, an American author and researcher into an alternative theory of the origin of human life. Since that time Pye has been trying to prove that the skull, named 'Starchild', is that of an alien. The skull is much less heavy than a human skull, has an unusual shape and unusually placed eye sockets. It also has strange fibres running through the bone. Various tests have been done on the skull, showing that its bone has a different chemical composition from human bone. A DNA test has shown that the mother of 'Starchild' was human, but the father's genetic heritage could not be recovered. Pye has concluded that 'Starchild' is a hybrid of a human mother and an alien father. Some scientists are more sceptical and believe that 'Starchild' was a malformed human.

99. The skull of 'Starchild' is much heavier than a normal human skull

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False The passage states that the skull of 'Starchild' is much less heavy than a human skull.

100. DNA tests have not disproved the theory that 'Starchild' was a hybrid of a human mother and an alien father

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True According to the passage, a DNA test has shown that the mother of 'Starchild' was human, but that the father's genetic heritage could not be recovered. Therefore the test does not prove whether the father was human or alien.

101. Some scientists believe that Pye is a fraud and that he has used the unusual skull to try to further his theory of an alternative origin of human life

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say The passage does state that Lloyd Pye has tried to prove that the skull is that of an alien, and that he is a researcher into an alternative theory of the origin of human life. However, the passage does not say anything about the scientists' (or anyone else's) assessment of Lloyd Pye's motives. It only states that they are 'sceptical' and believe that the skull belongs to a malformed human.

Bluetooth is a modern wireless technology named after an ancient Viking King, King Blatand (which is Danish for King Bluetooth) who united the warring tribes of Denmark and Norway in the 10th Century. Bluetooth was given this name because it unites together many devices such as your computer, your personal digital assistant, your mobile phone and your digital camera. The advantage of Bluetooth is that it does away with the need for cables and communicates instead by radio. All that's needed is for each device to have a Bluetooth chip. To communicate between the Bluetooth-enabled devices, all you need to do is put them within ten metres of each other. The real advantage of Bluetooth is that it allows you to easily synchronise data stored on your various devices. However, there are some issues with security using Bluetooth, despite each device having an individual ID number and PIN. To reduce this risk and to prevent eavesdropping, the radio frequency is continually changed.

102. The Viking King, King Blatand, invented the Bluetooth technology

- (a) True
- (b) False

(c) Cannot say

(d)

Answer: False Bluetooth is a modern technology. King Blatand lived in the 10th Century – Bluetooth is named after him. He did not invent it.

103. Bluetooth provides a secure way to communicate between your various devices, such as your computer, your personal digital assistant, your mobile phone and your digital camera

(a) True

(b) False

(c) Cannot say

(d)

Answer: False The passage describes Bluetooth as a simple and convenient way to communicate between these devices, but emphasises that there are some issues with its security.

104. Bluetooth avoids the 2.45 GHz radio frequency band for security reasons

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say The passage states that Bluetooth communicates by radio and that the radio frequency is continually changed for security reasons. However, it does not mention any particular bandwidth that is or is not avoided.

105. Bluetooth-enabled devices can communicate with each other if they are five metres apart

(a) True

(b) False

(c) Cannot say

(d)

Answer: True The passage states that Bluetooth-enabled devices can communicate with each other as long as they are within ten metres of each other.

Employees in the United Kingdom are now enjoying more holidays than ever before. From 1st April 2009 the minimum statutory entitlement to paid annual leave for workers has increased from 4.8 weeks to 6 weeks (based on a five day working week). This is the minimum, but some employers may offer more – you should consult your contract of employment. However, the employer can choose when you take your holidays. The 6 week entitlement is for an employee in full employment for a year with a five day working week, and includes public holidays. The entitlement for part-time workers is calculated as 6 weeks times their normal working week. Similarly, the entitlement for a full-time worker who does not complete a year with an employer is worked out on a pro-rata basis.

106. From 1st April 2009 workers in the UK who work a five day week are entitled to 30 days' paid holiday per year of work

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True The 6 week entitlement is for an employee with a five day working week. 6 weeks at 5 days per week makes a total of 6×5 days = 30 days. So, workers who work a five day week are entitled to 30 days' paid holiday.

107. Employees granted long-term sick leave lose their full entitlement of paid annual

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say The passage makes no reference to the paid leave entitlement for employees granted longterm sick leave. We cannot say either way given only the information in the passage.

108. You have a right to take at least some of your annual holidays during the summer

- (a) True
- (b) False
- (c) Cannot say

(d)

Answer: False Although it may be true in practice that most employers are flexible and fair, according to the passage, the employer has the power to choose when you take your holidays and could therefore restrict you taking them during the summer.

109. The annual leave entitlement of 6 weeks includes public holidays, but some employers may give additional leave entitlement

(a) True

(b) False

(c) Cannot say

(d)

Answer: True The passage states that the 6 week minimum entitlement "includes public holidays", and also that "some employers may offer more" than the minimum.

While most forms of discrimination in the workplace have been outlawed, discrimination or bias against some employees seeking career advancement still happens. This discrimination is both unwritten and unacknowledged. A 'Glass Ceiling' is the term used to describe this type of discrimination and refers to the invisible barrier that people hit when they try to progress beyond a certain level in some businesses and organisations. Originally coined to illustrate the hidden use of sexual discrimination against women in professional environments, it is now commonly used to describe any form of discrimination, such as racism or ageism, which prevents qualified and experienced employees reaching the higher levels of their organisation. Many reports and studies now suggest that change is happening and that cracks are beginning to appear in the glass. The studies also claim however that change is happening slowly and that the cracks are small.

110. A 'Glass Ceiling' specifically describes sexual discrimination in the modern workplace

(a) True

(b) False

(c) Cannot say

(d)

Answer: False The article explicitly states this was its original meaning but in recent times it has changed to encompass any form of discrimination that halts career progression.

111. Positive changes are occurring regarding discrimination in the workplace

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say This is a sneaky one. The passage states that “Many reports and studies now suggest that change is happening and that cracks [in the glass ceiling] are beginning to appear”. The next sentence tells us “studies also claim however that change is happening...”. So the passage is telling us that reports have suggested change is happening, but the passage does not go as far as telling us if these reports are true or false, so we cannot say.

112. The ‘Glass Ceiling’ can prevent qualified people from getting to the top of their field

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True We are told that “in some businesses and organisations” the glass ceiling blocks people who are “qualified and experienced” for the role but are discriminated against. We are not told at what level this can occur, but since the statement refers to the “top of their field”, i.e. the very highest position, we can deduce that the glass ceiling would come into play before developing to the very top of their field.

The Flying Shuttle and the Spinning Jenny are two early 18th century British inventions that revolutionised the textile industry. They increased productivity by automating some key processes thereby reducing the amount of manual operation needed. The Flying Shuttle, for example, raised the productivity of manual weaving by around 50 percent by returning the shuttle automatically meaning that one worker could do the work that previously had been done by two. The Spinning Jenny invented a couple of decades later similarly automated processes allowing one spinner to do more. Reducing the amount of manual intervention needed for these tasks meant that they were more suitable for adaptation to mechanical power such as waterpower and steam which had become the new means of propulsion shortly before their invention.

113. Automating the production process of weaving was a necessary precursor to the application of steam power

- (a) True
- (b) False

(c) Cannot say

(d)

Answer: False The article states that automating the processes meant that they were better suited to steam power, “which had become the new means of propulsion shortly before their invention” i.e. steam propulsion was developed before automated weaving.

114. The two inventions led to job losses in the textile industry

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say The text makes no mention of this. Whilst we are told that manual labour was reduced for the same output, it may or may not be the case that this led to job losses.

115. Steam as a propulsion system was introduced into the textile industry after waterpower

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say This is a fairly straightforward one. The text does not state whether steam or water was the first to be introduced into the textile industry. If something is not mentioned in the passage, we cannot say whether the statement is true or false.

Proponents of recycling are adamant that we must preserve the world’s precious natural resources by reducing our consumption of new raw materials. They say that to accomplish this all we need to do is to reuse or recycle many materials that traditionally would be thrown away and end up in landfill sites. Many local authorities have designed and implemented full end-to-end recycling programmes. A critical factor in the success of any waste management and recycling programme is the ability to clearly communicate waste disposal and depositing policy to the public. The majority of people are willing to participate, but they are more likely to participate if they can easily understand what goes where. They are also less likely to make errors and put something in the wrong place, which can cause costly problems. Supporters claim that the more we recycle the less it costs, however some critics counterclaim that recycling actually consumes more resource than it saves and in the long run is doing more harm than good.

116. Recycling advocates are arguing that we must recycle all our waste to preserve the world's natural resources

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False The text makes no such claims but states that people in such groups are arguing for the recycling of "many materials that traditionally would be thrown away" i.e. not all waste.

117. Some people say that recycling is an inefficient use of resources

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True The text says that some critics claim recycling actually consumes more resource than it saves.

118. Most of the public are reluctant to participate in recycling because they do not know what goes where

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False The text says that "the majority of people are willing to participate, but are more likely to participate if they can easily understand what goes where". So we are told that the majority of the public are willing to participate in recycling. The second part of the statement about not knowing what goes where is irrelevant since we have already established that the majority of people are willing to recycle and therefore that the statement is false.

119. All spotted Gangles have long tails.
Short-haired Gangles always have short tails.

Long-tailed Gangles never have short hair.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: c. We know only that long-tailed Gangles have spots. We cannot know for certain if longtailed Gangles also have short hair.

120. Battery X lasts longer than Battery Y.
Battery Y doesn't last as long as Battery Z.
Battery Z lasts longer than Battery X.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: c. The first two statements indicate that Battery Y lasts the least amount of time, but it cannot be determined if Battery Z lasts longer than Battery X.

121. Martina is sitting in the desk behind Jerome.
Jerome is sitting in the desk behind Bryant.
Bryant is sitting in the desk behind Martina.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: b. Given the information in the first two statements, Bryant is sitting in front of both Jerome and Martina, so the third statement must be false.

122. Middletown is north of Centerville.

Centerville is east of Penfield.

Penfield is northwest of Middletown.

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer: b. Because the first two statements are true, Penfield is west of Centerville and southwest of Middletown. Therefore, the third statement is false.

123. Taking the train across town is quicker than taking the bus.

Taking the bus across town is slower than driving a car.

Taking the train across town is quicker than driving a car.

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer: c. Both the car and the train are quicker than the bus, but there is no way to make a comparison between the train and the car.

In Europe 12 million animals suffer every year in the name of research. The last directive of the European Commission designed to address the issues of animals being mistreated for research was made in 1986. But things have changed. In recent years more experiments involving transfer of genes from one species to another have been carried out, so new guidelines are required. In May 2009 the European Parliament voted to update the rules to better protect laboratory animals. One of their recommendations was a ban on experiments using great apes except those cases where it would benefit the apes themselves, or when this was the only option to investigate diseases that threaten humans. Hepatitis C, for example, only occurs in humans and chimpanzees, so there is little option but to use chimps in scientific research into this disease. However, this and other proposed changes are unlikely to be adopted for at least three years.

124. We will have to wait for a directive to be passed that aims to protect animals from being mistreated for research

(a) True

(b) False

(c) Cannot say

(d)

Answer: False The passage states that whilst out of date, a directive of the European Commission made in 1986 was designed to address the issues of animals being mistreated for research.

125. New guidelines on the use of animals in scientific research are needed so as to include the recent increase in research using genetic engineering.

(a) True

(b) False

(c) Cannot say

(d)

Answer: True The passage states that in recent years more experiments involving the transfer of genes from one species to another (genetic engineering) have been carried out, and that new guidelines are required.

126. The European Parliament recommended that the only instance in which tests on apes be permitted is when that test was in the interests of human life and the results could not be achieved by other means

(a) True

(b) False

(c) Cannot say

(d)

Answer: False The European Parliament did recommend excluding tests carried out for this reason from the ban. However, it also recommended another exception where the experiment was beneficial to the apes themselves. A test being in the interests of human life is therefore not the only exception to their recommended ban.

Identity theft and identity fraud are crimes that were almost unheard of a few years ago. Yet the number of recorded cases of these crimes in the UK has increased from 9,000 in 1999 to 77,500 in 2007. Identity theft is the misappropriation of the identity of another person. Identity fraud is the use of this identity theft in criminal activity. In modern society you need to prove your identity for all sorts of reasons – to open a bank account, to obtain a loan, for credit when you make purchases, and so on. An identity thief can use your personal details to do any of these things, even to claim a benefit in your

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name. All he needs is access to a few of your personal details or a document bearing your name. The identity fraudster will steal or forge your documents, such as a passport or a driving licence, and use them in criminal activity. To protect yourself from identity theft, make sure that you don't give away any personal details unless you are sure it's safe to do so, and always keep your documents in a safe place.

127. The number of recorded cases of identity theft and identity fraud in the UK has risen exponentially from 9,000 in 1999 to 77,500 in 2007

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: Cannot say The statistics provided in the passage do not mention an exponential growth. The passage gives only the figures for 1999 and 2007; the nature of growth or decline within these dates is not given.

128. Some identity thieves steal another person's identity to obtain a benefit in his or her name

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True The passage states that an identity thief can even claim a benefit in your name.

129. You should protect yourself against identity theft by never applying for a passport or a driving licence

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False The passage advises that you should protect yourself from identity theft by keeping identity documents in a safe place and making sure that you only give away personal details when it is safe to do so. It does not advise that you should never apply for these documents; moreover it states that people need these documents to prove their own identity for many reasons. The passage also

states that "all [the thief] needs is access to a few of your personal details" so you could remain exposed even if you do not apply for a passport or driving license.

Many people are aware that high cholesterol contributes to heart disease, but they may be surprised to learn that cholesterol performs essential functions in the human body. A lipid made in the liver and found in animal cell membranes, cholesterol is used to repair tissues and digest fat, as well as in the manufacture of hormones, bile salts, and Vitamin D. However, problems arise when an excess of cholesterol builds up on blood vessel walls, thus impeding blood flow. A person's blood cholesterol count is comprised of two different types of cholesterol: low-density lipoprotein (LDL), sometimes called "bad" cholesterol, and high-density lipoprotein (HDL), known as "good" cholesterol. Whereas HDL carries cholesterol away from the arteries to the liver, LDL carries cholesterol from the liver to the arteries where it accumulates. Although certain foods deriving from animals, such as meat, shellfish, cheese and eggs, are high in dietary cholesterol, it is actually the consumption of the saturated fats found in red meat, full-fat dairy products, cakes and biscuits that raises levels of "bad" cholesterol. Conversely, eating polyunsaturated fats and soluble fibre can lower LDL.

130. Foods that are high in dietary cholesterol raise levels of LDL

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: False – the sixth sentence says that eating saturated fats raises levels of "bad" cholesterol – i.e. LDL.

131. A widely held misconception exists that cholesterol is harmful to one's health

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer: True – the first sentence states that many people would be surprised to learn that cholesterol performs essential functions.

132. To ensure good health, HDL levels must be lowered and LDL levels boosted

- (a) True
- (b) False

(c) Cannot say

(d)

Answer: False – the reverse is true according to sentences four and five.

133. Making dietary changes is the only way to lower bad cholesterol levels

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say – the passage does not specify that there is only one way to lower cholesterol. In fact, exercise can help lower blood cholesterol levels.

134. Vegetarians are likely to have lower levels of bad cholesterol, as they do not eat meat

(a) True

(b) False

(c) Cannot say

(d)

Answer: Cannot say – while dietary cholesterol is only present in foods deriving from animals, the passage does not state that vegetarians have lower levels of LDL.

135. All Lamels are Signots with buttons.

No yellow Signots have buttons.

No Lamels are yellow.

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer: a. We know that there are Signots with buttons, or Lamels, and that there are yellow Signots, Which have no buttons. Therefore, Lamels do not have buttons and cannot be yellow.

136. The hotel is two blocks east of the drugstore.
The market is one block west of the hotel.
The drugstore is west of the market.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: a. The market is one block west of the hotel. The drugstore is two blocks west of the hotel, so the drugstore is west of the market.

137. Tom puts on his socks before he puts on his shoes.
He puts on his shirt before he puts on his jacket.
Tom puts on his shoes before he puts on his shirt.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: c. There is not enough information to verify the third statement.

138. Three pencils cost the same as two erasers.
Four erasers cost the same as one ruler.
Pencils are more expensive than rulers.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: b. Rulers are the most expensive item.

139. A jar of jelly beans contains more red beans than green.
There are more yellow beans than red.
The jar contains fewer yellow jelly beans than green ones.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: b. The first two statements indicate there are more yellow jelly beans than red and green.

140. Cloudy days tend to be more windy than sunny days.
Foggy days tend to be less windy than cloudy days.
Sunny days tend to be less windy than foggy days.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: c. Cloudy days are the most windy, but there is not enough information to compare the wind on the foggy days with the wind on the sunny days.

141. The bookstore has a better selection of postcards than the newsstand does.
The selection of postcards at the drugstore is better than at the bookstore.
The drugstore has a better selection of postcards than the bookstore or the newsstand.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: a. Of the three, the drugstore has the best Selection of postcards.

142. At a parking lot, a sedan is parked to the right of a pickup and to the left of a sport utility vehicle. A minivan is parked to the left of the pickup. The minivan is parked between the pickup and the sedan. If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: b. This is the order of the cars from left to right: minivan, pickup, sedan, sport utility vehicle.

143. A toothpick is useful.
Useful things are valuable.
A toothpick is valuable.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer: a. To the extent that a toothpick is useful, it has value.

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Existentialism is a philosophical and literary movement that gained prominence in the mid-twentieth century. Primarily associated with the work of Jean-Paul Sartre and Parisian café society, existentialism was influenced by the earlier work of the Danish theologian Soren Kierkegaard and the German philosopher Friedrich Nietzsche. Although difficult to define, existentialism can be summarised by its emphasis on human existence over human essence, and the centrality of an individual's freedom of choice. It is an atheist philosophy that rejects moral rules, but not responsibility. Though each individual is free, he or she must co-exist with other individuals' freedom. According to existentialists, the only certainty in life is death, the recognition of which leads to despair. This existential anguish, however, can be transcended when an individual undertakes a project that will give his or her life meaning.

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Existentialist links to social and political causes, such as the opposition of fascism, led to its widespread popularity in the 1960s

144. The first existentialists were Soren Kierkegaard and Friedrich Nietzsche

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

145. Although existentialism eschews moral codes, it does not suggest that individuals act without regard for others

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

146. Followers of existential philosophy suffer from depression

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

147. Existentialism views mortality as life's sole inevitability

- (a) True
- (b) False
- (c) Cannot say

(d)

Answer:

148. Existentialism became a popular political movement in the 1960s

(a) True

(b) False

(c) Cannot say

(d)

Answer:

Although commonly referred to as tidal waves, tsunamis are not caused by tides. A tsunami is a series of fast-moving waves created by a disturbance above or below sea level. Although earthquakes are the most common cause of tsunamis, volcanic eruptions and landslides can also trigger a tsunami. A tsunami can occur in any large body of water, however they typically occur in the Pacific Ocean. In open water, a tsunami travels at speeds of up to 800 km per hour, with wavelengths several hundred kilometres long but wave heights under one metre. When it approaches land, however, a tsunami slows, its wave length compressing and its height increasing. In 2004, a catastrophic tsunami resulting from an earthquake in the Indian Ocean claimed more than 200,000 lives with 20-metres-high waves. While scientists cannot predict when a tsunami will occur, seismologists monitoring submarine earthquakes can forecast a tsunami's arrival and impact using wave theory and measurement technology, thus enabling authorities to issue tsunami warnings.

149. Tidal wave is a widely used misnomer for a tsunami

(a) True

(b) False

(c) Cannot say

(d)

Answer:

150. Earthquakes below the Indian Ocean represent the main cause of tsunamis

(a) True

(b) False

(c) Cannot say

(d)

Answer:

151. The 2004 Indian Ocean tsunami was the most devastating tsunami in recent history

(a) True

(b) False

(c) Cannot say

(d)

Answer:

152. As a tsunami reaches the shore, its speed and its wave height increase

(a) True

(b) False

(c) Cannot say

(d)

Answer:

153. Using wave measurement methodology, scientists can predict when a tsunami will occur

(a) True

(b) False

(c) Cannot say

(d)

Answer:

154. Apartments in the Riverdale Manor cost less than apartments in The Gaslight Commons. Apartments in the Livingston Gate cost more than apartments in the The Gaslight Commons. Of the three apartment buildings, the Livingston Gate costs the most. If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

155. The Kingston Mall has more stores than the Galleria. The Four Corners Mall has fewer stores than the Galleria. The Kingston Mall has more stores than the Four Corners Mall. If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

156. Mara runs faster than Gail. Lily runs faster than Mara. Gail runs faster than Lily. If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

Some of the following logic questions ask you to determine the direction of a particular place in relation to other places. For these problems, instead of making a chart or grid, draw a very simple map and label North, South, East, and West to help you see where the places are located in relation to each other.

157. Oat cereal has more fiber than corn cereal but less fiber than bran cereal.
Corn cereal has more fiber than rice cereal but less fiber than wheat cereal.
Of the three kinds of cereal, rice cereal has the least amount of fiber.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

158. On the day the Barton triplets are born, Jenna weighs more than Jason.
Jason weighs less than Jasmine.
Of the three babies, Jasmine weighs the most.
If the first two statements are true, the third statement is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

A new government body is about to publish a number of scenarios hypothesising how our climate might change by the year 2100. The information provided will be used to help decide how to start adapting our society to changes resulting from global warming which will be particularly important when considering large infrastructure projects with a long lifespan. Whilst all agree that there is some degree of global warming, some scientists argue that we are overemphasising this long-term approach and should instead be focussing on shorter range natural variability which is not well understood and often difficult to predict. They claim that there is no way of knowing how accurate these long range hypotheses will be, and also question how useful the hypotheses will be for predicting the climate for the next 10 years. All existing long-term predictions suggest that within fifty years our summer will be drier and heat waves will be the norm, but what, if anything, does that tell us about the next two or three years? How do we reconcile long and short-term predictions?

159. Over the next 50 years the summer each year will be hotter and drier

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(a) True

(b) False

(c) Cannot say

(d)

Answer:

160. Some scientists do not agree that global warming is happening

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

161. Government scientists are not able to accurately forecast what the weather will do between now and the year 2100

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

Predicting earthquakes using observable phenomena like phases of the moon, cloud formations, weather conditions or animal behaviour is a controversial and, some would say, impossible task. There is little or no verifiable evidence to link any of these phenomena to predictions of actual seismic activity. Early detection, as a means of advance warning, is far more reliable than future prediction and can be done by measuring primary waves (referred to as P-Waves). These non-destructive waves travel faster through the earth's crust than the harmful and destructive secondary waves and so can provide a valuable, albeit short, advance warning. This effect of different speed waves can be likened to the relationship between light and sound; we see lightning before we hear the thunder. Some people believe that animals can detect P-Waves and that this is what causes them to start behaving strangely. Other theories advanced to explain their behaviour are that the animals are reacting to changes in low-frequency electromagnetic signals caused by the fracturing of crystalline rock in the fault lines.

162. If animals can detect primary waves, they could be used to predict earthquakes

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

163. Primary waves travel at the speed of sound

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

164. P-Waves, and the low-frequency electromagnetic signals some believe animals can sense, are not the same thing

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

Scientists have been able to successfully genetically modify plants, animals and micro-organisms for a number of years. They do this by manipulating genes to produce genetic changes (which could in theory occur naturally). Supporters of genetic modification claim that the benefits, such as being able to produce crops that are resistant to disease, will help alleviate world food shortages. Many environmentalists believe that the accidental release of genetically modified organisms into the environment is genetic pollution and they fear that the uncontrolled interbreeding of modified organisms with those occurring naturally will contaminate the environment in unforeseen and possibly dangerous ways. They point out that experiments done by researchers to reassure the public about the safety of GM crops have been carried out under scientifically controlled conditions which are far removed from the actual working conditions of food producers.

165. Experiments that produced results showing the safety of GM crops did not yield scientifically valid results

- (a) True
- (b) False
- (c) Cannot say

(d)

Answer:

166. Genetic change in plants is not always evidence of the intervention of genetic scientists

(a) True

(b) False

(c) Cannot say

(d)

Answer:

167. Some supporters of genetic modification believe that unless we expand our use of GM crops, increased global food shortages are inevitable

(a) True

(b) False

(c) Cannot say

(d)

Answer:

Scientists now claim that some of the low, wide debris-covered formations first observed on radar images of Mars as far back as the 1970s are in fact glaciers around 1km thick. The large formations were first seen on both hemispheres of the planet on images sent back by NASA's Viking orbiters. There are many similar apron-shaped formations on the Martian landscape but the latest reconnaissance images from Mars have lead some scientists to believe that the bigger rounded slopes and ridges have features which suggest they were formed by a flow of thick ice covered rubble. There are other known deposits of ice at the polar caps where temperatures are much lower. These newest discoveries are at much lower latitudes and some scientists believe that there could be enough water held in these formations to support humans in future Mars missions.

168. Some scientists claim there is now reason to believe that ice exists on Mars in locations other than just the polar caps

(a) True

(b) False

(c) Cannot say

(d)

Answer:

169. NASA believes that there is perhaps enough water on Mars to support humans on future missions

(a) True

(b) False

(c) Cannot say

(d)

Answer:

170. Radar technology existed prior to the 1980s

(a) True

(b) False

(c) Cannot say

(d)

Answer:

University professor Dr Nugent has produced a study in which he puts forward a theoretical calculation of how light could be bent to make objects invisible. He theorises that if light bends round an object rather than hitting it, the object will appear invisible. He points out that the science he is using is well established. Light is bent when it travels through water as is demonstrated by the fact that the fish you see in the water are not in fact where you think they are. Our brains 'think' that the light travels in a straight line. An invisibility cloak would be a much more sophisticated application of the same science. The professor stresses that a design is still a long way off and that a lot of effort and money will have to be spent before his concept could be developed into a workable device.

171. A professor, using well-established science, has designed an invisibility cloak

(a) True

(b) False

(c) Cannot say

(d)

Answer:

172. By bending light, it is possible to fool a human brain into thinking an object is not where it is

(a) True

(b) False

(c) Cannot say

(d)

Answer:

173. Professor Nugent has proved that if light is bent around an object then it will become invisible

(a) True

(b) False

(c) Cannot say

(d)

Answer:

In the USA there are on average 2 million hectares of land cleared by 120,000 wildfires per annum. These uncontrolled blazes can travel at up to 23 kilometres per hour and destroy everything in their path. Prolonged drought and dry conditions produce tinder dry vegetation that can be ignited by a single spark which can rapidly become a raging inferno when fed by hot dry winds. Man starts eighty per cent of all wildfires either intentionally or accidentally.

Embers from campfires and discarded cigarettes are common causes. Nature plays its part too with fires starting via lightning and even the direct heat of the sun. Naturally-occurring wildfires can play an important role in the ecosystem of some forest environments. The fires destroy dead or rotting vegetable matter, returning beneficial nutrients to the ground and killing disease. There are even some seeds that can only germinate if they have been 'heat-treated' by such fires.

174. Wildfires can be beneficial to the natural environment

(a) True

(b) False

(c) Cannot say

(d)

Answer:

175. One quarter of wildfires are started naturally

(a) True

(b) False

(c) Cannot say

(d)

Answer:

176. In the USA a typical month has 10,000 wildfires

(a) True

(b) False

(c) Cannot say

(d)

Answer:

The democratic peace theory holds that liberal democracies never, or rarely, go to war against each other. The first to espouse this idea was the German philosopher Immanuel Kant, who posited that constitutional republics engender peace, because the majority of people will not vote to go to war unless in selfdefence. In modern political science, the democratic peace theory was put forth in 1964 by Dean Babst. Babst carried out statistical research to scientifically prove that democracies never or rarely fight each other. Despite an undeniable statistical correlation between democracy and peace, the democratic peace theory is highly debated amongst political scientists. The definitions of “democracy” and “war” are one contentious issue. Some opponents of the democratic peace theory point to exceptions, such as the Spanish-American War. However, the main criticism of the theory is that it is based on flawed logic – that peace between democracies is not caused by the democratic nature of those states. Furthermore, opponents argue that democracies frequently attack non-democracies, dispelling the notion that democracies are inherently pacifistic. There are several derivatives of the democratic peace theory, including the economic peace theory, which states that increased economic exchange between states avoids potential aggression.

177. Immanuel Kant’s theory about democratic peace was based on empirical evidence

(a) True

- (b) False
- (c) Cannot say
- (d)

Answer:

178. The rationale for the democratic peace theory is the accountability of a democratically elected government to its electorate

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

179. The definitions of “democracy” and “peace” are divisive amongst political scientists

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

180. The economic peace theory says that increased trade between liberal democracies helps avoid war

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

181. Dean Babst found statistical evidence that democracies do not fight in wars

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

The debate over the British Museum's Parthenon sculptures, also called the Elgin Marbles, has run for nearly two centuries. These marble statues were removed – with official permission – from the ruins of the Parthenon in 1801 by Lord Elgin, the British Ambassador to the Ottoman Empire. He sold these ancient Greek treasures to the British Museum in 1816, where they have been housed ever since. Today, five million visitors from around the world visit the sculptures, free of charge, at the British Museum. Since gaining independence in 1830, however, the Greek government has argued for their return to Athens. Historically, the Hellenic position centred on ownership, claiming that Lord Elgin bribed authorities to acquire the marbles illegally. The counterargument is that Lord Elgin saved these classical treasures from neglect. Greece no longer disputes the British Museum's ownership, but states that the sculptures should be loaned to the New Acropolis Museum in Athens, where they would be reunited with other surviving sculptures and displayed in their proper geographic and cultural context. Despite public sympathy for the return of the Elgin marbles, the British Museum believes that the Parthenon marbles are part of shared world heritage and thus should be widely accessible. Furthermore, returning the Parthenon statues would set a precedent for returning other artefacts to their land of origin.

182. The British Museum takes the view that the Parthenon sculptures transcend cultural and geographic boundaries

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

183. Prior to 1830, Greece was part of the Ottoman Empire

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

184. The public cannot understand why the Greek government want the Parthenon marbles returned

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

185. The only surviving Parthenon marbles are divided between the British Museum and the New Acropolis Museum

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

186. The Greek government argues that the British Museum should return wrongfully acquired cultural treasures to their country of origin

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

187. Salvador Dali's work is more popular than Andre Breton's output

- (a) True
- (b) False

(c) Cannot say

(d)

Answer:

188. Some experimental writing is surreal

(a) True

(b) False

(c) Cannot say

(d)

Answer:

189. Surrealist painting is renowned for the arbitrary portrayal of everyday object

(a) True

(b) False

(c) Cannot say

(d)

190. Salvador Dali was a French surrealist painter

(a) True

(b) False

(c) Cannot say

(d)

Answer:

The population of the world is increasing by around 83 million per year. This figure actually represents a decline by almost 50% in the growth rate from its peak of 2.2% in 1963 and further reductions are expected over the coming decades. The 20th century saw the biggest global increase of all time in the population and if the current levels of growth continue the world population will be around 9 billion by the year 2042. The increases are due to increased life expectancy and reduced mortality rates resulting from improvements in healthcare and agricultural productivity. Growth rates vary by region. There are estimates that over 90% of population growth in the future will be in developing countries. Central and Eastern Europe are experiencing a net decrease of population with Japan and some Western European countries expected to follow suit within the next 10 years.

191. The annual rate of increase of the global population has fallen by 50% per annum since 1963

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

192. The European Union will suffer a net decrease in population over the next 10 years

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

193. Global population is predicted to reach 9 billion by 2042 as the annual global population growth rate continues to rise

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

There are statistics which suggest that in some of the most underdeveloped countries almost one half of the population is now in the 10-19 age range. These countries have experienced a much smaller decrease in birth rates than has been seen in more developed countries. Charities and other agencies are calling for additional funds to be made available to provide improved education for these young people as well as easier access to contraception. There has also been a rapid increase in the number of people aged 65 or older. In the next 50 years, 95% of this increase will happen in developing countries like India, while in countries like Japan, Germany and Italy the percentage of the population aged 65 or more is set to rise to 40%. Increases in the numbers of the very young and the very old place stress on societies and governments may find it difficult to cope with the demands of an increasing number of dependent elderly citizens in addition to providing healthcare and education for the young.

194. Those countries that have high numbers of younger people will be better positioned in the longer term to cope with their growing older population

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

195. In Japan and Germany less than 60% of the population is under 65 years of age

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

196. Birth rate decreases are not restricted to developed countries

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

Work-related stress is one of the biggest causes of sick leave in the UK. If you've noticed you always seem to be rushing about, or miss meal breaks, take work home or don't have enough time for relaxation, for your family or for exercise, then you may well find yourself under stress, especially at work. There is often no single cause of work-related stress, but it can be caused by poor working conditions, long hours, relationship problems with colleagues, or lack of job security. Stress is often the result of a combination of these factors that builds up over time. Work-related stress can result in both physical problems, such as headaches, muscular tension, back or neck pain, tiredness, digestive problems and sweating; or emotional problems, such as a lower sex drive, feelings of inadequacy, irritability and lack of concentration. According to recent surveys, one in six of all working individuals in the UK said their job is very stressful, and thirty percent of men said that the demands of their job interferes with their private lives.

197. Stress at work is often caused by relationship problems with your partner

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

198. Work-related stress can result in tiredness and a lack of concentration

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

199. One in six working men said their job is very stressful

- (a) True
- (b) False
- (c) Cannot say

(d)

Answer:

200. If you spend more time with your family, you will not suffer from stress

(a) True

(b) False

(c) Cannot say

(d)

Answer:

201. All the tulips in Zoe's garden are white.

All the pansies in Zoe's garden are yellow.

All the flowers in Zoe's garden are either white or yellow.

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer:

202. Blueberries cost more than strawberries.

Blueberries cost less than raspberries.

Raspberries cost more than both strawberries and blueberries.

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer:

In the wake of security concerns and the ever-increasing numbers of flying passengers - more than 90 million passengers pass through UK immigration each year - new ways have been sought to recognise passengers who may have a criminal record or are considered 'undesirable'. The use of fingerprints is messy and time-consuming, and is not always accurate. A method that has been on trial since 2002 is the 'Iris Recognition System.' This method takes a digital image of the iris patterns on the back of the eye and compares it with those that are already stored in a databank. This system has proved to be 100% accurate since no two irises have exactly the same pattern, not even those of identical twins. Even the right and left eyes of the same person do not exhibit the same pattern. It is believed that the new method will help to speed up the immigration system as well as make it more secure.

203. It is believed that a new way of recognising previously identified terrorists could speed up the immigration process and make it more accurate

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

204. The 'Iris Recognition System' is not as accurate as the use of fingerprints

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

205. One problem with the 'Iris Recognition System' is that it cannot distinguish between identical twins

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

It is believed that around 12% of absence from work in the UK is not genuine. If this figure is correct, this amounts to about 21 million lost days every year at an annual cost to the country of more than £1.5 billion. The main contributor to non-genuine absence is 'pulling sickies' i.e. employees calling in sick when they are not sick. To reduce this practice, the government is considering introducing lie detector technology to catch people out. The system, known as 'Voice Risk Analysis' (VRA), developed by the outsourcing firm Capita, can identify lies by picking up changes in a caller's voice on the telephone. The system has already been successfully trialled by some local authorities to detect false benefit claims. Of these, Harrow Borough Council claims to have saved £420,000 during the year-long trial. If the system is introduced by employers, then many employees would think twice about lying.

206. Changes in people's voices can be used to detect lies

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

207. Voice Risk Analysis does not work when used over the telephone

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

208. Harrow Borough Council has already used this system and saved an estimated £420,000 from the reduction in the number of 'sickies'

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

With the Liberal Democrats averaging around 20% in recent polls, some are questioning again whether it's time for reform in the UK voting system. The 'first past the post' system (FPP) seems unfair since it does not give minor parties the number of MPs in proportion to the number of popular votes they receive. The Electoral Reform Society estimates that under FPP about 2/3 of seats are 'safe' and therefore not genuinely contestable at each election. So what are the alternatives? The Alternative Vote system (AV) allows voters to select candidates in order of preference. If no candidate has a clear majority (50% or more of the vote), then voters' second choices are taken into consideration. Another system, Mixed Member Proportionality (MMP), allows voters two votes – one for the constituency member and one for the party of their choice. This system elects two categories of MP – constituency members and list members. The number of list members is determined by the proportion of votes gained by each party.

209. If an election were held today under the 'Alternative Vote' system, the Liberal Democrats would win about 20% of the seats in parliament

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

210. The Electoral Reform Society estimates that under FPP only about 1/3 of seats are truly contestable at each general election

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

211. Mixed Member Proportionality is a better system because it elects two MPs for each constituency

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

In 2005, Isabelle Dickson, a French woman who had been mauled by her dog was the first patient to receive a partial face transplant. She was given a new nose, chin and lips. Since then, five other partial face transplants have been carried out in France, the US and China. The Chinese patient has since died, but other patients have adapted well to their new faces. Now new ground has been broken once again in France with the world's first full face transplant. A French man who had been severely burned in an accident was given a new face that included every feature – even his scalp, forehead, nose, ears and eyelids. He was also given new hands at the same time. Approval for full face transplants in the UK was given nearly four years ago. As yet no such operations have been carried out in the UK because rigorous patient selection procedures have meant very slow progress on those going through the system.

212. The most recent development in facial transplants occurred in France

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

213. The drawbacks of face transplants are the possibility of rejection of the donor's tissue and the fact that the patient has to endure the side effects of the immunosuppressant drugs

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

214. Face transplant operations have not been carried out in the UK because there are no patients requiring this kind of operation

- (a) True
- (b) False
- (c) Cannot say

(d)

Answer:

Modbury, a town of just 1,500 residents, lies on the A379, the main route east to Plymouth and the beaches of South Devon. On 1st May 2007 Modbury became the first plastic bag-free town in Britain. The owners of the supermarket and the 40 or so small shops have all agreed that they will no longer pack goods in plastic bags. Plastic bags, which can take up to 1,000 years to break down, are an environmental hazard in our countryside and on our beaches. Every year around 200 million plastic bags are found littering the streets and beaches of the UK. Marine animals can mistake plastic bags for food and often die when they swallow them. The town of Modbury has made this decision as a commitment towards preserving the local environment. Modbury shoppers are encouraged to bring their own shopping bags, use the reusable cotton, environmentally friendly bags donated by the supermarket, or use disposable cornstarch or paper bags.

215. From 1st May 2007 you will no longer find a plastic bag in Modbury

(a) True

(b) False

(c) Cannot say

(d)

Answer:

216. The lifetime of a plastic bag is 1,000 years

(a) True

(b) False

(c) Cannot say

(d)

Answer:

217. The UK produces around 200 million plastic bags every year

(a) True

(b) False

(c) Cannot say

(d)

Answer:

218. The local supermarket in Modbury donates reusable cotton bags to customers

(a) True

(b) False

(c) Cannot say

(d)

Answer:

It was reported in January 2009 that 4,600 civil servants are employed without posts. Some of them still draw full salaries even though their areas of responsibility no longer exist. This includes over 2,800 in Her Majesty's Revenue and Customs, over 800 in the Ministry of Defence and more than 200 in the Foreign Office. Most amazing is the figure in the Department for Work and Pensions, where a reported 368 staff are paid for doing no work when they should be helping others to find work. The total annual bill to the taxpayer to pay these civil servants is estimated as £130 million. This situation has been described as 'a scandal' by the Shadow Minister for the Cabinet Office, Francis Maude. However, the Cabinet Office Minister Tom Watson has defended the figures, claiming that they include mothers returning from maternity leave who are waiting to be assigned to a new job and employees on short-term projects.

215. In January 2009, 4,600 civil servants were employed but without formal roles

(a) True

(b) False

(c) Cannot say

(d)

Answer:

216. There are a reported 368 staff in the Department for Work and Pensions who are claiming unemployment benefit

(a) True

(b) False

(c) Cannot say

(d)

Answer:

217. Shadow Minister for the Cabinet Office, Francis Maude, is quoted as saying, “If there’s no work for them, they should be given their marching orders”

(a) True

(b) False

(c) Cannot say

(d)

Answer:

The United Nations was established in 1945 and today includes nearly every recognized state, each of which has one vote in the General Assembly. The United Nations’ Security Council, charged with maintaining international peace and security, is comprised of five permanent members (the P5) – the United States, the United Kingdom, France, China and Russia – as well as ten non-permanent members, elected for two-year terms. The Security Council approves decisions based on an affirmative vote from at least nine of its fifteen members, however each of the five permanent members has veto power. The P5’s veto power is widely criticized as unfair and anachronistic. In the Cold War era, the P5 were the world’s only nuclear powers, and the veto both recognized their might and provided incentive for them to support the Security Council’s goals. Nuclear proliferation, however, means that the P5 no longer reflects today’s geopolitical realities. Opponents of the veto believe it is used to promote national agendas at the expense of international security. Alternatively, rather than abolish the veto, some commentators suggest that the veto should be extended to more countries – for example, Germany.

218. The P5 were granted veto power in recognition of their disproportionate contribution to global security

(a) True

(b) False

(c) Cannot say

(d)

Answer:

219. Some critics argue that veto power is subject to individual interests

(a) True

- (b) False
- (c) Cannot say
- (d)

Answer:

220. The passage asserts that some people believe that the veto should be granted to all countries with nuclear arsenals

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

221. The United Nations' Security Council was set up in 1945, with the objective of avoiding another world war

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

222. The P5 cannot wield their veto if a resolution is backed by at least nine members of the Security Council

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

The merits of single-sex education have long been debated in the United States, where demand for single-sex schools is on the rise. Title IV, a 1972 law prohibiting sex discrimination in education, was amended in 2006, allowing for the establishment of single-sex state schools so long as a coeducational alternative is available. While critics view single-sex schools as discriminatory and inadequate preparation for adult life, advocates claim that children, and particularly girls, benefit from a single-sex education. American research shows that girls attending single-sex schools have higher self-esteem, participate more in class, and score higher on aptitude tests than their counterparts in co-educational schools. A 2005 study revealed that both girls and boys attending single-sex schools spent more time on homework and had less disciplinary problems. Single-sex schools also subvert stereotypical course-taking patterns and results. Advocates of single-sex schooling argue that educators can teach more effectively by tailoring their tuition to reflect current research about gender-based brain development. Many experts, however, believe that research into single-sex education is inconclusive, and that so long as the education provided is gender-fair, both girls and boys can thrive in a co-educational environment.

223. Girls who attend single-sex schools perform better in maths and sciences than their counterparts in co-educational schools

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

224. The trend towards American single-sex state education is a relatively recent phenomenon

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

225. Proponents of single-sex education acknowledge different learning styles between the two genders

- (a) True
- (b) False
- (c) Cannot say

(d)

Answer:

226. Whereas girls benefit academically from single-sex education, the only advantage for boys is improved discipline

(a) True

(b) False

(c) Cannot say

(d)

Answer:

227. Critics of single-sex education believe that such schools reinforce pre-existing gender stereotypes

(a) True

(b) False

(c) Cannot say

(d)

Answer:

A fossilised skeleton of a lemur-like animal recently found in Germany could be a missing link in the evolutionary chain of human ancestry. Jorn Hurum, a palaeontologist from Oslo, Norway, and his team have studied the 47 million year old fossil and say it provides a link between lemurs and the higher primates that include apes, monkeys and humans. The lemur-like creature, named 'Ida' has characteristics similar to those of higher primates including short limbs, nails instead of claws, hands that can grasp things, and opposable thumbs. The most remarkable thing about the fossil is that it is so well preserved, showing evidence of fur and soft tissue as well as the remains of a meal. However, a biological anthropologist at George Washington University, Brian Richmond, says it provides only one branching point in the evolutionary tree and there's still a big gap in the fossil record. Ida's discovery probably provides more questions than answers.

228. Ida is a fossilised skeleton of a lemur-like creature recently found in Norway

(a) True

(b) False

(c) Cannot say

(d)

Answer:

229. Ida had short limbs, nails instead of claws, and opposable thumbs

(a) True

(b) False

(c) Cannot say

(d)

Answer:

230. Ida's European origins show that the European continent was an important area for primate evolution

(a) True

(b) False

(c) Cannot say

(d)

Answer:

The price of a barrel of oil, which fell from around \$147 in July 2008 to just \$36 in December 2008, has shown an increase in recent months to around \$60 a barrel in May 2009. The oil ministers of Saudi Arabia and Iran believe that, as the world recovers from the global recession, the price of oil will increase further and there may be another price shock ahead similar to that of last year. To prevent this happening experts agree that now is the time to invest in exploration and the development of new fields. However, the opposite is happening. The number of drilling rigs in use around the world fell by 32% in the year to April, and big companies such as Shell and BP have delayed expansion plans and cut staff. Oil-rich states, such as Saudi Arabia (whose king thinks \$75 a barrel is a fair price), are happy to see the price rise again to increase their revenue.

231. The price of a barrel of oil more than halved between July 2008 and May 2009

(a) True

(b) False

(c) Cannot say

(d)

Answer:

232. To prevent oil prices spiralling again to new heights, experts agree that oil companies need to reduce investment in exploration and the development of new fields

(a) True

(b) False

(c) Cannot say

(d)

Answer:

233. A fair price for a barrel of oil is \$75

(a) True

(b) False

(c) Cannot say

(d)

Answer:

Acupuncture originated in China at least 2,000 years ago but is widely used in other East Asian countries. Before the early part of the twentieth century, acupuncture needles were large and inserted deeply at the site of the problem. Today they use smaller, fine needles which are inserted at strategic points in the body. These points give access to 14 channels that connect the bodily organs, called meridians. It is believed by some that a natural energy called Qi flows freely through the meridians of a healthy person. Qi consists of two opposite forces, Yin and Yang. When a person is ill, the Yin and Yang are out of balance, or the Qi is blocked. The aim of acupuncture is to restore this balance and thus harmony and health in the patient. Acupuncture is an invasive technique, so there are risks in its use – of harm to bodily organs from incorrect positioning of needles, or from infection. Although there is evidence that acupuncture can give some pain relief, its treatment of other diseases is not proven and you would be better off visiting a conventional doctor.

234. Acupuncture has been used in Europe since the early 18th century

(a) True

- (b) False
- (c) Cannot say
- (d)

Answer:

235. Today acupuncturists use large needles inserted at the site of the problem

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

236. Acupuncturists believe that a natural energy called Qi flows through channels in our bodies called meridians

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

237. The only risk associated with acupuncture is infection from needles

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

Most workers in the UK over the age of 16 are legally entitled to a minimum rate of pay, called the minimum wage. An independent body called the Low Pay Commission (LPC) each year reviews the rate

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and recommends to the government what it should be. With few exceptions, the minimum wage is the same for all types of work and all kinds of business. The current amount for people over 22 years of age is £5.73 an hour. The rates for younger workers are less. However, the following groups are not entitled to receive the minimum wage: workers under school leaving age, the genuinely self-employed, some apprentices, au pairs, armed service personnel and voluntary workers. Also agricultural workers have separate rates of pay set by the Agricultural Wages Board.

238. The Low Pay Commission sets the rate of the minimum wage each year

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

239. The Agricultural Wages Board sets the rates for agricultural workers

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

240. The minimum wage for all workers of 16 years old is 5.73 pounds an hour

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

241. All au pairs receive less than the minimum wage

- (a) True

- (b) False
- (c) Cannot say
- (d)

Answer:

Outsourcing – purchasing services from an external supplier rather than performing the work internally – is a popular but politically sensitive means of cutting costs. There has been an increasing use of third parties for HR functions, such as managing payroll and other employee data, and for traditional Finance functions, such as invoice services. The manufacture of goods has even become part of this trend; though the design function is typically kept in-house. Third party call centre operatives can offer customer service expertise that may be more expensive to provide in-house. “Offshoring”, when functions are moved abroad, often to India or China, where the average wage is considerably lower raises job protection issues. The potential profits from outsourcing operations encourage underdeveloped countries to invest in the necessary educational infrastructure and skills training that are required to support such business. Still, higher corporate profits may be seen to be at the expense of low-wage economies, and the cost benefits are not always passed on to the consumer. Additionally the consumer may not benefit from an improved quality of customer service. Outsourcing decreases prices in another way – the competitive marketplace in which service providers companies operate gets squeezed.

242. Offshoring is synonymous with outsourcing

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

243. Low wage countries may need to enhance their infrastructure to attract outsourcing contracts

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

244. Outsourcing providers compete aggressively for client contracts

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

245. The outsourcing trend has led to a reduction in the cost of consumer goods

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

246. Outsourcing refers to the use of a third party supplier to provide either HR or Finance functions

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

Hydrogen-fuelled cars are not reliant upon petrol or diesel, which potentially makes them safer. Hydrogen fuel can be produced from renewable sources, such as wind or solar power, and does not have the ordinary car's dependency on burning fossil fuels. Since cars account for roughly a third of greenhouse gas emissions, these futuristic vehicles could form part of an effective strategy to combat global warming. This is an idealistic scenario and there are many barriers to be overcome first. The existing designs for hydrogen fuelled cars are extremely expensive. The National Research Association also estimates that £8 billion would be needed to set-up the refuelling stations required by hydrogen-fuelled cars. For a mass market product to be developed there needs to be increased cooperation between governments and industry to allow the infrastructure to lead the manufacture. In fact, hybrid and hybrid-electric car designs may prove to be a more worthwhile long-term investment for

governments. Compared to ordinary cars, hybrids emit reduced levels of carbon dioxide, whereas hydrogen-fuelled cars emit only water and so are 100% clean.

247. The first hydrogen-fuelled car was too expensive for consumers

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

248. The passage questions the viability of hydrogen-fuelled cars as a solution to global warming

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

249. High infrastructure costs have deterred the manufacture of hydrogen-fuelled cars

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

250. Hybrids are the cleanest form of transport

- (a) True
- (b) False
- (c) Cannot say

(d)

Answer:

251. Hydrogen is universally available and is not a greenhouse gas

(a) True

(b) False

(c) Cannot say

(d)

Answer:

For many years the hunt has been on to find an effective way to treat cancerous tumours using physical rather than chemical means. That hunt may now be over with the latest breakthrough made by Dr Jennifer West at Rice University in Houston, Texas. West has done tests on animals using a non-chemical procedure known as Photothermal Ablation. She injected millions of nanoparticles, which can absorb infrared light, into the animals' bloodstreams. These particles go straight to the tumours because, unlike healthy tissue, tumours have abnormal blood capillaries that will let them through. A few hours later an optical fibre is inserted into the tumour and a blast of infrared light is passed down the fibre, which heats the particles and effectively cooks the tumour.

252. Photothermal Ablation is the latest breakthrough in chemical treatment for cancer

(a) True

(b) False

(c) Cannot say

(d)

Answer:

253. Nanoparticles are objects whose dimensions are measured in nanometres, or billionths of a metre

(a) True

(b) False

(c) Cannot say

(d)

Answer:

254. Nanoparticles can absorb infrared light

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

U3b Networks (short for the “Underprivileged three billion” who lack internet access) is a new company in Jersey set up by Greg Wyler, former owner of Rwanda’s national telephone company. He intends to provide cheap, high-speed internet access to remote areas in developing countries, which up to now has been the reserve of developed countries. Mr Wyler plans to charge \$500 per megabit per month, compared with the \$4,000 charged by existing companies. Mr Wyler has so far raised €40m from investors, but this seems like a risky investment, especially as billions were lost on similar projects a decade ago. So why are they investing in the hope of finding customers in the world’s poorest regions? The reason is that previous projects were over-ambitious and set out to provide global coverage, whereas U3b’s project is far less ambitious and its services will only be available to a ribbon around the equator, covering most developing countries. It will initially use just five satellites circling 8,000km above the equator.

255. Mr Wyler had a background in telecoms before starting U3b Networks

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

256. The satellites for the project will cost €8m each

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

257. Most developing countries lie close to the equator

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

We have all heard about bullying in schools, but bullying in the workplace is a huge problem in the UK which results in nearly 19 million days of lost output per year and costs the country 6 billion pounds annually. Workplace bullying is the abuse of a position of power by one individual over another. Otherwise known as harassment, intimidation, aggression, coercive management and by other euphemisms, bullying in the workplace can take many forms involving gender, race or age. In a nutshell, workplace bullying means behaviour that is humiliating or offensive towards some individual. This kind of bullying ranges from violence to less obvious actions like deliberately ignoring a fellow worker.

258. Bullying in the workplace costs the UK an average of 6 billion pounds each year

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

259. Another name for workplace bullying is coercive management

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

260. Bullying in the workplace is sometimes the result of religious intolerance

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

261. Deliberately ignoring a fellow worker is a kind of bullying

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

Nobody knows what life forms may exist outside our own planet. The search for extra-terrestrial life in the universe took a step nearer to fruition with the discovery in June of what are believed to be traces of water on the surface of Mars. Life on our planet requires water and its presence on Mars may point towards the existence of past life on the planet. The Phoenix Mars Lander landed on the plains of Mars on May 25th 2008, searching for signs that the Martian environment might once have been habitable to life. When it dug a ditch in the planet's surface, photos revealed small patches of bright material. Four days later those patches had disappeared, causing scientists to speculate that they were water ice that had previously been buried and which vaporised when exposed to the air. Scientists insisted that if the patches had been salt, they wouldn't have disappeared and if they had been solid carbon dioxide, then they wouldn't have vaporised.

262. The Phoenix Mars Lander has provided proof that life once existed on Mars

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

263. All life in the universe requires water in order to survive

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

264. The patches could have been a different substance from water

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

The United States' space programme is at a critical juncture. Over the past four decades, spending on space has declined from 5% of the federal budget to 0.5%. The US government recently announced it has cancelled its Constellation human spaceflight programme, which was intended to provide transportation to the International Space Station (ISS). Instead, NASA will shift its emphasis to developing new technologies and commercializing space flight. NASA will outsource its transportation to the ISS – a move designed to dramatically reduce launch costs. Five private companies – nearly all of which are headed by internet entrepreneurs – are sharing \$50 million of federal funds to develop cargo spacecraft. NASA's new vision has not been met by enthusiasm from all quarters, with critics calling it the death knell of America's formerly glorious space programme. Politicians whose states are losing out on jobs as a result of NASA's cancelled programmes have been among the most vocal critics. With entrepreneurs racing to achieve human spaceflight, the next American to land on the moon could be a commercial passenger rather than a NASA astronaut.

265. The Constellation programme has been axed in order for NASA to save money

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

266. Under NASA's new plans, travel to the International Space Station will be privatised

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

267. The five companies funded by NASA are using internet technology to develop commercial spacecraft

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

268. Critics believe that NASA's new direction marks the end of American leadership in human space exploration

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

269. The United States government recently announced plans to further reduce its space programme budget

- (a) True
- (b) False

(c) Cannot say

(d)

Answer:

Although according to the EU-funded Psychonaut Research Project it has only been available since 2008, mephedrone is now the fourth most popular recreational drug in the United Kingdom. Also known as “meow meow” and “drone”, mephedrone is a synthetic stimulant that is derived from cathinone compounds found in the khat plant of Eastern Africa. Chemically similar to amphetamines, mephedrone has the effect of euphoria and increased stimulation. Because it is sold as plant fertilizer and thus not subject to medical regulations, mephedrone is currently legal in the United Kingdom, although it has been banned in many other countries, including Sweden, Germany and Israel. Manufactured in China and sold cheaply, the drug’s legality and availability have led to its meteoric rise. While it is not illegal, it does not follow that mephedrone is safe to use – a lack of scientific research means that its effects on health are not fully known. Following reports of addiction and the drug’s suspected involvement in several deaths; there are calls in the UK to have mephedrone classified as an illegal substance immediately. This legal decision, however, cannot be taken until a government advisory council has fully investigated the scientific evidence

270. Mephedrone is a naturally occurring substance intended for use as plant fertilizer

(a) True

(b) False

(c) Cannot say

(d)

Answer:

271. Countries such as Sweden and Germany have scientifically proven the dangers of mephedrone

(a) True

(b) False

(c) Cannot say

(d)

Answer:

272. Mephedrone’s low cost makes it especially attractive to teenage users

(a) True

(b) False

(c) Cannot say

(d)

Answer:

273. Despite being a legal substance, mephedrone is not safe to use

(a) True

(b) False

(c) Cannot say

(d)

Answer:

274. The British government has been criticised for failing to act quickly to criminalise mephedrone

(a) True

(b) False

(c) Cannot say

(d)

Answer:

Ecotourism can be defined as responsible travel to natural areas that aims to both conserve the environment and bring economic opportunities to local people. Ecotourism provides an alternative to environmentally damaging industries such as logging and mining, while also stimulating the local economy. However, its dependency on foreign investment leads to one of the main criticisms of the industry: that the profits generated from ecotourism do not benefit the local economy and work force. Furthermore, while the ideals behind ecotourism are unobjectionable, the industry is highly susceptible to “greenwashing” – whereby a false impression of environmental friendliness is given. More radical opposition comes from those critics who believe that ecotourism is inherently flawed because travel that uses fossil fuels is damaging to the environment. Despite these voices of dissent, ecotourism has become the fastest-growing sector of the tourism industry, growing at an annual rate of twenty to thirty percent. Ironically, ecotourism’s very success may counteract its environmental goals, as high levels of visitors – even careful ones – inevitably damage the ecosystem.

275. Ecotourism strives to profit from a nation’s natural resources

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- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

276. Ecotourism's critics object to the fact that air travel accelerates global warming

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

277. The passage dismisses the ecotourism industry as an example of greenwashing

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

278. The long-term sustainability of ecotourism is debatable

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

279. While ecotourism's environmental benefits are disputed, there is consensus that it benefits local people economically

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

Rising worldwide demand for champagne has meant that champagne producers have needed to increase supply by creating more wineries and planting more grapes. The Champagne region has been producing sparkling wines since the 16th century from the variety of grapes found across the region. Traditionally served at the coronations of French kings, the drink's association with opulence grew throughout the 19th century. Following on from 1891's Treaty of Madrid, the Treaty of Versailles after World War 1 reaffirmed the Champagne region's legal right for sole usage of the term "champagne". Time-consuming and costly, the Champenoise method of production involves a second fermentation process. However this process has been replicated outside the French region. Champagne's grapes are not unique to the region either – they can be grown elsewhere if their seeds are planted in a virtually identical climate. Currently, bottles that are labelled as using the Champenoise method may cause some consumer confusion as to whether they are real champagne or not. Clear labelling of a sparkling wine's origin on the bottle is needed to tell consumers whether or not it came from Champagne.

280. Only sparkling wine from France has the legal right to be labelled as "champagne"

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

281. The French monopoly on champagne production has led to worldwide shortages of the drink

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

282. Champagne has built its luxurious connotations over time

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

283. The Treaty of Versailles established legal protection for the term champagne”

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

284. A single type of grape is found across the Champagne regi

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

Levels of passive surveillance have increased recently. For example, many companies monitor their employees' use of the Internet or of any campaign group activities that may have operational implications. State surveillance now processes huge amounts of information that is collected from a variety of sources to produce profiles of individuals and groups. There are now reportedly more closed-circuit television (CCTV) cameras per head of the UK population than any other country in the world. Such a rapid expansion of CCTV surveillance in particular has raised questions about whether this is economically justifiable, whether one's right to confidentiality is compromised and whether the public are in support of it. In public places it is harder to argue that video surveillance is an invasion of privacy.

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The sheer presence of CCTV cameras should deter some criminals when they know that police officers are surveying their actions. However, some criminologists claim that criminal activity is simply diverted elsewhere. CCTV footage may offer unbiased court evidence and so contribute towards keeping many criminals off the streets, but footage needs to be stored securely – even if most of what is filmed does not get to be seen

285. CCTV surveillance is an invasion of privacy

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

286. Public security, CCTV costs and an individual's right to privacy are three factors raised within the passage

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

287. It is difficult to justify CCTV surveillance if most of the footage remains unseen

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

288. The public's main concerns about increases in surveillance have been around CCTV

- (a) True

- (b) False
- (c) Cannot say
- (d)

Answer:

289. Passive surveillance refers only to company monitoring of Internet usage

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

290. Anticarp activists have demanded more drastic measures of carp control in the US Supreme Court

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

291. Heavy flooding in the 1970s resulted in Asian carp proliferating in the Mississippi and Illinois Rivers

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

292. Environmentalists believe that Asian carp would damage the Great Lakes' ecosystem by preying on native salmon

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

As their name suggests, Asian carp are not indigenous to the United States, yet these invasive fish have become the subject of a Supreme Court lawsuit. Introduced in the US in 1831, carp were originally intended for consumption although today they are not widely eaten. Populations have flourished in the Mississippi and Illinois Rivers since the 1970s, when it is thought that they escaped from Midwestern fish farms during heavy flooding. Carp consume only plankton, although vast amounts of it, and some species of Asian carp can grow to over one hundred pounds. Not only are the fish a hazard to recreational boaters, they also compete with native species for food and space. Environmentalists fear that carp will infiltrate the Great Lakes, via locks connecting the Mississippi to Lake Michigan, where they would damage the ecosystem. They also fear that by crowding out species such as salmon, Asian carp would also be detrimental to the Great Lakes' sports fishing industry. The US government currently spends \$80 million per annum on Asian carp control, using methods such as toxins and underwater electric barriers designed to repel carp. Evidence of carp in Lake Michigan however has led anticarp activists to call for stronger measures, such as blocking off the locks on the Chicago canal. Business interests strongly oppose the closure of this major shipping lane for economic reasons, also arguing that forcing canal traffic onto the roads will cause pollution.

293. Electric barriers are not a fully effective means of carp control

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

294. Anticarp activists are motivated by environmental concerns rather than business interests

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

The most prevalent neurological condition in the developed world, migraine is characterised by severe, recurrent headaches, with additional symptoms including nausea and sensitivity to light and sound. The frequency and duration of migraine attacks are variable: attacks may occur a few times a year or several times per month, while pain may last between four hours and three days. Approximately one third of sufferers experience an aura – a perceptual disturbance occurring before the migraine’s onset. There are numerous theories on the cause of migraines. The vascular theory posits that migraines are caused by problems with blood vessels in the brain. A more widely held view is that migraines result from low levels of the neurotransmitter serotonin in the brain. Prophylactic drug treatment, which prevents the onset of migraines, has declined in recent years, because of side effects and also improvements in medications treating an actual attack. Whereas older varieties of pain medication are potentially addictive, newer drugs called triptans work by reducing pain information travelling to the brain. Treatment plans typically include avoidance of known migraine triggers, such as diet, alcohol, and stress, as overuse of medication can lead to chronic “rebound headaches.” Not only do migraines have a debilitating effect on sufferers, they are also bad for the economy, with an estimated 25 million days lost from work every year in the UK alone.

295. One third of migraines are preceded by a heightened sensitivity to light

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

296. The passage states that it is not possible to work when suffering from a migraine

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

297. Although the cause of migraines is unknown, serotonin deficiency is the most commonly held theory

- (a) True

(b) False

(c) Cannot say

(d)

Answer:

298. Triptans are a new form of prophylactic drug which are less addictive than older medications

(a) True

(b) False

(c) Cannot say

(d)

Answer:

299. The vascular theory has been discredited

(a) True

(b) False

(c) Cannot say

(d)

Answer:

Is free internet access as much a universal human right as access to clean water and healthcare? Many leading experts believe that the 80% of the world's population that is not connected to the web should have access to information through free low-bandwidth connection via mobile phones. The one fifth of the world connected to the internet, however, faces a very different problem: an insatiable appetite for bandwidth that outstrips availability. Bandwidth refers to the capacity to transfer data through a channel. Emails, for example, require less bandwidth than video. Information traffic jams result when too many users try to move information at the same time, exceeding the channel's capacity. The popularity of mobile web devices means demand for wireless channels is growing rapidly, but bandwidth supply is limited – resulting in high charges for use. With bandwidth controlled by a handful of private suppliers, bandwidth is the subject of government debate in many countries, including the United States. Bandwidth suppliers are in favour of introducing tiered pricing structures, whereby customers paying higher rates would receive faster service. Critics believe that a tiered system violates the principle of net neutrality – whereby all data is treated as equal – and would allow suppliers to

profiteer from controlling a scarce resource. Suppliers argue that they are funding huge infrastructure updates – such as switching from copper wires to expensive fiberoptics – in order to improve services.

300. The main argument in the passage is that internet users are not leaving enough bandwidth for 80% of the world's population

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

301. Access to information via the internet is a basic human right

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

302. The growth of mobile net device use has contributed towards the pressure on bandwidth availability

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

303. Proposed tiered pricing structures would charge users more for using mobile web devices

- (a) True
- (b) False

(c) Cannot say

(d)

Answer:

304. Proponents of net neutrality are against the prioritising of certain web traffic

(a) True

(b) False

(c) Cannot say

(d)

Answer:

The Dead Sea Scrolls are probably the most significant archaeological discovery of the twentieth century. More than 800 ancient documents, written on papyrus and parchment, were found in 1947 in desert caves at Qumran, near the Dead Sea. The texts mainly date from between the last century BCE and the first century CE and are comprised of three types of document: copies of books from the Hebrew Bible; apocryphal manuscripts; and documents pertaining to the beliefs and practices of a sectarian community. The former category is arguably of the greatest academic significance, as documents such as a complete copy of the Book of Isaiah enabled historians to analyse the accuracy of Bible translations. However, the secrecy of the scholars appointed by the Israeli Antiquities Authority, and their slow rate of publication, were the subject of international controversy. In 1991, the Huntington Library made photographic images of the full set of scrolls finally available to all researchers. While the scrolls' importance is indisputable, there is no consensus over the texts' origins. The traditional view is that the scrolls belonged to an ascetic Jewish sect, widely believed to be the Essenes. The Essenes' rules and doctrines are even seen by some scholars as a precursor to Christianity. A competing theory holds that the documents are sacred texts belonging to various Jewish communities, hidden in the caves for safekeeping around 68C

305. The traditional interpretation of the Dead Sea Scrolls is that they belonged to an early Christian sect called the Essenes

(a) True

(b) False

(c) Cannot say

(d)

Answer:

306. Academics debate whether the scrolls are the detailed accounts of one particular sect, or provide historical information about the wider Jewish people

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

307. Not only the origins of the Dead Sea Scrolls, but also the process of their interpretation, have been disputed

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

308. Some scholars believe the Essenes inhabited the desert caves at Qumran, near the Dead Sea

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

309. The Dead Sea Scrolls include the oldest known copy of the Book of Is

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

Have you ever set your mouth on fire by biting into a chilli pepper? The sensation is caused by capsaicin, a chemical compound that stimulates the mouth's pain receptors, which in turn tell the brain you've eaten something hot. The body reacts by perspiring and releasing endorphins, the "feel-good" effect of which perhaps accounts for spicy food's appeal. The first scale for measuring a chilli's heat was developed in 1912 by the chemist Wilbur Scoville. Scoville Heat Units refer to the number of times a chilli must be diluted before it is undetectable to tasters. The world's hottest chilli, the Indian naga jolokia, measures 970,000 SHU. Today a chilli's heat can be measured more accurately using high-pressure liquid chromatography, a technique that calculates the concentration of capsaicin in a solution. Humans have consumed chillies for over 8,000 years; they were first cultivated 6,000 years ago in South and Central America. In the late 15th century Christopher Columbus introduced chillies to the rest of the world via Spain, where they were called peppers because they were spicy like peppercorns. In addition to their culinary uses, chillies have long been prized for their medicinal properties. Scientific studies show that capsaicin may lower blood pressure and aid weight loss. Capsaicin has traditionally been used in tropical analgesics, however new research indicates that the compound may actually be carcinogenic.

310. Although eaten around the world, chilli peppers are only indigenous to South and Central America

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

311. The scale developed by Wilbur Scoville is inherently subjective

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

312. The passage suggests that some people eat chilli peppers for their psychological effect as well as their spicy taste

- (a) True

- (b) False
- (c) Cannot say
- (d)

Answer:

313. The chemical compound capsaicin sends a message to the brain that something hot has been consumed

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

314. Although first consumed 6,000 years ago, chilli peppers were only introduced to Europeans in the 15th century

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

Bio prospecting refers to searching the world's remotest areas for genetic resources with commercial value. Bio prospecting is hardly a new phenomenon – the active ingredient in aspirin, for example, comes from willow bark, whose medicinal properties were known to the ancient Greeks. In recent years, however, the ethics of the practice have been debated. Opponents, who use the term biopiracy, view it as the exploitation of developing countries' resources and indigenous medical knowledge for the developed world's profit. Pharmaceutical companies argue that drugs resulting from bioprospecting can help thousands of people. Furthermore, they are not patenting native plants, rather the techniques used to extract compounds from them. Despite these arguments, in 2005 the Indian government successfully overturned a US patent to extract an anti-fungal agent from the neem tree. Central to the debate is the question of who owns the world's biodiversity. The UN's Convention on Biological Diversity (CBD) was established in 1993 to ensure that bio prospectors obtain consent from and share any profits with the source nation. The United States, however, has not ratified the CBD. It is not only the pharmaceutical industry that has fallen foul of sovereign rights to biological resources. In 2008, Mexican farmers won an

appeal to revoke a US patent on Mexican Enola beans. Similarly, following a diplomatic crisis between India and the United States, a Texan company lost the right to patent basmati rice.

315. India has successfully defended its ownership of genetic material and traditional knowledge

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

316. Bio prospecting is primarily carried out by the pharmaceutical and food industries

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

317. Under the CBD, nations grant access to sovereign genetic material in exchange for a share in the rewards

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

318. The United States government believes that the earth's biodiversity is not owned by sovereign nations

- (a) True
- (b) False

(c) Cannot say

(d)

Answer:

319. Bio prospecting is defined as the practice of obtaining plants from developing countries for commercial exploitation

(a) True

(b) False

(c) Cannot say

(d)

Answer:

Huge controversy surrounded the construction between 1994 and 2006 of what was the world's largest hydroelectric dam, the Three Gorges Dam. Spanning China's 1.4-mile wide Yangtze River in the Hubei province with twenty-six state-of-the-art turbines, the dam has been heralded by the Chinese state as a symbol of China's modernisation and engineering prowess. It supports China's economic development by supplying over ten percent of its electricity. However, over 1.3 million people were deliberately displaced as part of the Gorges flooding project that created the dam's 660km-long reservoir. Hundreds of archaeological sites, initially above and below ground level, were lost under the reservoir's water. Questions remain as to whether the dam – as a source of renewable energy – benefits the surrounding environment, or depletes it by causing, for example, landslides and the death of fish species in the Yangtze. Supporters argue that the Dam's deepening of the river has made the Yangtze easier for large ships to navigate and has reduced the risk of flooding downstream. As the only other viable Chinese energy source continues to be non-renewable coal power, the hydroelectric power generated by the dam may be the lesser of two evils.

320. The passage suggests that energy supplies are critical to economic development

(a) True

(b) False

(c) Cannot say

(d)

Answer:

321. The Three Gorges Dam is China's largest and most controversial dam

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

322. The environmental impacts of the Three Gorges Dam have been more positive than negative

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

323. The 660km length of the Three Gorges Dam spans the Yangtze River

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

324. The Dam's monetary benefits were prioritised over any social and environmental costs

- (a) True
- (b) False
- (c) Cannot say
- (d)

Answer:

325. Pointing to a man in a photograph, a woman said, "His brother's father is the only son of my grandfather." How is the woman related to the man in the photograph?

- (a) Sister
- (b) Aunt
- (c) Grandmother
- (d) Daughter

Answer:

326. (I). A, B, C, D, E and F are six members of a family
(II). One couple has parents and their children in the family
(III). A is the son of C and E is the daughter of A
(IV). D is the daughter of F who is the mother of E
Which of the following pairs is the parents of the couple ?

- (a) CF
- (b) AB
- (c) AF
- (d) BC

Answer:

327. Ben, Hannah, Tim and Liam are colleagues. Ben and Tim speak French, whereas the others speak Arabic. Tim and Liam speak Spanish. Everyone except Ben speaks Chinese. Who speaks only Arabic and Chinese?

- (a) Tim
- (b) Liam
- (c) Ben
- (d) Hannah

Answer:

328. Lily, Mark and John have cats. Morgan has a dog and a guinea pig. Mark also has a rabbit. Morgan just bought a bird for John. Michael has a dog and some goldfish. Who has the fewest kind of pets?

- (a) Lily

(b) Michael

(c) John

(d) Mark

Answer:

329. A told B, "The girl I met yesterday was the youngest daughter of the brother-in-law of my friend's mother." How is the girl related to A's friend?

(a) Niece

(b) Cousin

(c) Friend

(d) Daughter

Answer:

330. There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group. Who is E's husband ?

(a) A

(b) B

(c) C

(d) F

Answer:

331. Khaled left the office last. Salim left before Fatima. Fatima left after Hassan. Hassan left before Salim. Faisal left after Fatima. Who left the office first?

(a) Salim

(b) Faisal

(c) Hassan

(d) Fatima

Answer:

332. Peter is slow but Tim is even slower. Jacob is faster than Tim. Who is the slowest?

- (a) Peter
- (b) Jacob
- (c) Tim
- (d) All are equally slow

Answer:

333. A and B are young ones of C. If C is the father of A but B is not the son of C. How are B and C related

- (a) Niece and Uncle
- (b) Daughter and Father
- (c) Niece and Uncle
- (d) Daughter and Mother

Answer:

334. Rearrange the letters in the word "nails" in order to make a new word. Which sentence below describes the new word?

- (a) Electronic item
- (b) A kitchen appliance
- (c) A small animal
- (d) item used in sports

Answer:

335. There are five children in Maxwell family. Peter's sister Jill is younger than Brian, who is older than Adriana. Adriana has one older brother and a younger sister but her youngest brother Eddy is not the "baby" of the family. Who is the youngest child?

- (a) Jill
- (b) Peter

(c) Eddy

(d) Brian

Answer:

336. A man pointing to a photograph says. "The lady in the photograph is my nephew's maternal grandmother." How is the lady in the photograph related to the man's sister who has no other sister?

(a) Mother-in-law

(b) Cousin

(c) Sister-in-law

(d) Mother

Answer:

337. In a family, there are six members A, B, C, D, E and F. A and B are a married couple, A being the male member. D is the only son of C, who is the brother of A. E is the sister of D. B is the daughter-in-law of F, whose husband has died. How is E related to C ?

(a) Nephew

(b) Daughter

(c) Sister

(d) Son-in-Law

Answer:

338. 5 college students need to go see their professor. He has time on Mondays, Wednesdays and Fridays. He can see two students a day, but only one student on Mondays. Mary can go only on Fridays. Alan can go on neither Mondays nor Fridays. Lily cant go on Wednesdays. John cant go on Fridays. Beth can only go on Mondays.

Who must go see the professor on Friday?

(a) Lily and Mary

(b) Alan and Mary

(c) Beth and Mary

(d) John and Mary

Answer:

339. For a math class, the teacher asks her students to get the following items: A pair of compasses, a ruler, a protractor and a calculator. Parul already has a calculator and so does Judy. Judy and mark are the only ones with protractors. Alice has both a ruler and a pair of compasses, and so does Mark. Judy is only missing a ruler. and John has an item that Mark is missing. Which of the following must be true?

- (a) Alice is only missing a protractor
- (b) Parul has a pair of compasses
- (c) John has a ruler
- (d) Mark is only missing a calculator

Answer:

340. F is the brother of A, C is the daughter of A, K is the sister of F and G is the brother of C then who is the uncle of G?

- (a) C
- (b) A
- (c) K
- (d) None of the above.

Answer:

341. There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group. Who is the mother ?

- (a) E
- (b) D
- (c) B
- (d) A

Answer:

342. Rearrange the letters in the word "sister" in order to make a new word. Which sentence below best describes the new word?

- (a) member of the nobility
- (b) A profession
- (c) Pride in oneself
- (d) To stand firm

Answer:

343. N, M, E, L, K and G are sitting in a row. K and N are sitting in the center. E is sitting furthest to the right and L is sitting at the left end. G is sitting to the right of L. Who is sitting to the left of E?

- (a) G
- (b) M
- (c) L
- (d) N

Answer:

344. Dan is Joshua's son and Guy's brother. Margaret is Guy's mother and Judy's daughter. Which of the statements below are true?

- (a) Judy is Dan's mother-in-law
- (b) Margaret is Dan's mother
- (c) Judy is Joshua's grandmother
- (d) None of the above

Answer:

345.

Special economic zones are geographical regions that operate under more free market orientated laws than the rest of that country. In these zones, particular taxes may not be levied, decreased regulation may be present and international tariffs may be decreased/not required. The function of these zones is to increase foreign investment, develop infrastructure or to increase employment opportunities in that area. Numerous countries employ the use of special economic zones including Russia, China, India, South Korea and many others.

Which of the following statements is definitely true?

- (a) Special Economic Zones are used to increase employment
- (b) Special Economic Zones are used to improve quality of life
- (c) Special Economic Zones are used to improve foreign relations
- (d) Special Economic Zones are used by European Unions

Answer:

346.

Performance enhancing drugs have generated controversy in professional sports for decades as demand for optimum performance ever rises. A new method of performance enhancement has been identified as a possible future problem, a process known as gene doping. As genetic research advances, it is possible that rogue athletes may use genetic technology to enhance their ability through gene doping, potentially improving their performance significantly. Because of the numerous controversies and ethical problems the kind of enhancement may bring, anti-doping authorities have pre-emptively banned genetic manipulation.

What performance enhancing method may become a problem in the future?

- (a) Gene enhancement
- (b) Gene doping
- (c) Gene engineering
- (d) Gene research

Answer:

Answer the following 2 questions based on the following paragraph

347. Which one of the following best replaces "dictates" while maintaining the meaning of the sentence?

The Outer Space treaty, formally the *Treaty on Principles Governing the Activities of State in the Exploration and Use of Outer space, including the moon and other Celestial bodies*, is a treaty that dictates international space law. The main objective of this treaty is to prevent nations placing nuclear or conventional weapons in orbit of earth, on the moon or on any other celestial body. Similarly, the treaty prohibits the establishment of military bases, fortifications or conducting military manoeuvres in these areas. The treaty was seen as one of the first steps in preventing the proliferation of weapons in space, encouraging more peaceful exploration of space instead.

- (a) Encourages
- (b) Propagates
- (c) Edicts
- (d) Transcribes

Answer:

348. Which one of the following best replaces "proliferation" while maintaining the meaning of the sentence?

- (a) Production
- (b) Development
- (c) Exploitation
- (d) Propagation

Answer:

349. All materials are degradable. Some materials are solid. Which of the statements below are true?

- (a) solids are degradable
- (b) Some solids are degradable
- (c) All solids are materials

(d) All degradable products are materials

Answer:

350. If there are universal objects that are invisible and all universal objects are in space, then which of the statements below are true?

- (a) All objects that are visible are in space
- (b) All objects in space are universal objects
- (c) There are no universal objects in space that are invisible
- (d) None of the above

Answer:

351. If a person cannot testify on his/her own behalf and that person is appearing in court, then what is true?

- (a) A person can appear in court and not testify on his/her own behalf
- (b) Anyone who appears in court cannot testify on his/her own behalf
- (c) Anyone testifying on his/her own behalf appears in court.
- (d) Anyone appearing in court testifies on his/her own behalf

Answer:

352. There are four famous topical pictures in a museum: scenery, a kitchen, a park and oranges. The paintings were painted by Jones, Smith, Hardy and Lane. The scenery painting is hanging next to Smith's painting. The scenery painting also hangs between the park and Hardy's painting. Jones didn't paint the scenery or the oranges. Who painted the kitchen?

- (a) Jones
- (b) Smith
- (c) Hardy
- (d) None of the above

Answer:

353. Danny discovered the following facts while working on his geography assignment: 30% of Georgia's inhabitants are Indian, 50% of Georgia's inhabitants work in the service industry, 20% work in agriculture and 60% drink Coke. Danny drew four conclusions. Which of the four conclusions must be true?

- (a) Half of Georgia's coke-drinking inhabitants are Indian
- (b) One-third of Georgia's coke-drinking inhabitants work in agriculture
- (c) In Georgia there are more Indian people working in the service industry than in agriculture
- (d) Some of Georgia's service industry employees drink Coke

Answer:

354. This is data supplied by the cabbage growers union report for 2007: 80% of cabbages collected were heavy (over 0.5 kg), 10% of cabbages were green, 60% were red and 50% were big (having a diameter of over 10 cm). Which of the following statements must be false?

- (a) All red cabbages weren't big
- (b) 30% of red cabbages were big
- (c) There were no cabbages that were both green and big
- (d) Half of the cabbages were small

Answer:

355. All airplanes that don't stop in Spain fly to India. The first airplane didn't stop in Spain. Which of the following statements are true?

- (a) The first airplane didn't fly to India
- (b) The first airplane flew to India
- (c) All airplanes flying to India stop in Spain
- (d) None of the above

Answer:

356. Review the facts below.

- Rupert is short and blond.
- Robert likes dogs.
- Dogs bark.
- Blond creatures are dogs.

Based on the information above, which of the following MUST be true?

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www.PrelimsModelTests.com/Ebooks.html

- (a) Robert has a blond dog named Rupert
- (b) All dogs are tall
- (c) Rupert is a short dog that barks
- (d) Rupert is a good dog and does not bark

Answer:

357. Review the facts below.

- Bob has a red couch.
- Cupboards are yellow.
- There is no red furniture that is not also lightweight.
- Yellow furniture is big, unless it has shelves.

Based on the information above, which of the following **MUST** be true?explanation

- (a) Bob's couch weighs less than cupboards do
- (b) All cupboards are big
- (c) Bob's couch is small, as are cupboards
- (d) Bob has a light couch

Answer:

358. A report on the use of monosodium glutamate in food concluded, "Most Americans who consume monosodium glutamate regularly are not being harmed." Critics of the report insist the conclusion be changed to, "Most Americans who consume monosodium glutamate do not show visible symptoms of harm by the substance, such as abnormal rashes or slower rates of metabolism." Which of the following, if true, provides the best logical justification for the critics' insistence that the report's conclusion be changed?

- (a) Some Americans who consume monosodium glutamate regularly are being harmed by the substance
- (b) Monosodium glutamate could be causing long term damage for which symptoms have not yet become visible
- (c) The report does not compare harm caused to Americans who consume monosodium glutamate with harm caused to people in other countries
- (d) Monosodium glutamate has been added to a growing number of commonly consumed foods during the past fifteen years

Answer:

359. Until recently, most automobile manufacturers minimized the weight of their cars to maximize mileage. The safest chassis were heavy, so few manufacturers equipped their cars with the safest chassis. This year the chassis metal that has sold best to automobile manufacturers has been the safest one—a clear indication that manufacturers are assigning a higher priority to safety than to mileage. Which of the following, if true, most seriously weakens the argument above?

- (a) Last year's best-selling chassis metal was not the safest chassis metal on the market
- (b) No automobile manufacturer has announced that it would be making safe chassis a higher priority this year
- (c) The price of gas was higher this year than it had been in most of the years when the safest chassis sold poorly
- (d) Because of technological innovations, the safest chassis on the market this year weighed less than some other chassis on the market

Answer:

360. The CEO of Black's International has proposed replacing their Marmacil semiconductor manufacturing equipment with Fasttech equipment since it costs 30 percent less to train new staff on the Fasttech equipment. Those opposed to the change have pointed out the savings in training cost does not justify the change. Instead, they suggested that the company hire only people who already know how to use the Marmacil equipment. Which of the following, if true, most seriously undermines the objection to the replacement of Marmacil semiconductor manufacturing equipment with Fasttechs?

- (a) Currently all employees in the company are required to attend workshops on how to use Marmacil semiconductor manufacturing equipment in new applications
- (b) Once employees learn how to use semiconductor manufacturing equipment, they tend to change employers more readily than before
- (c) Experienced users of Marmacil equipment command much higher salaries than do prospective employees who have no experience in the use of such equipment
- (d) The average productivity of employees in the general manager's company is below the average productivity of the employees of its competitors

Answer:

361. A pharmaceutical company developed a new diuretic reported to cause fewer side effects than their old diuretic, which was still being manufactured. During the first year that both were sold, the earlier medication far outsold the new one; the manufacturer thus concluded that reducing side effects was not the customers' primary consideration. Which of the following, if true, would most seriously weaken the manufacturer's conclusion?

- (a) Both hospitals and patients buy diuretics from this pharmaceutical company
- (b) Many customers consider older medications a better safety risk than new ones, since more is usually known about the safety of the earlier drugs
- (c) Many customers of this pharmaceutical company also bought medications from companies who did not produce new diuretics reported to cause fewer side effects
- (d) The newer diuretic can be used by all the patients who could use the earlier diuretic

Answer:

362.

With more than 32 million smart phones in the United Kingdom alone, the number of mobile phone applications or apps is rapidly increasing. These apps are used for gaming, travel, shopping, and banking and soon the department of health will be encouraging the development of medical apps to help manage medical conditions. Potentially popular apps could include blood pressure monitors, blood sugar monitors and contraceptive choice apps. These apps could make managing disease far more convenient and efficient, improving the quality of life for millions in the UK.

Which of the following is not listed as a potential popular app?

- (a) Heart rate monitor
- (b) Blood sugar monitor
- (c) Blood pressure monitor
- (d) Contraception advice

Answer:

363. A woman introduces a man as the son of the brother of her mother. How is the man related to the woman?

- (a) Uncle
- (b) Grandson
- (c) Cousin
- (d) Son

Answer:

364. There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group. Which of the following is a group of brothers ?

- (a) ABD
- (b) ABF
- (c) BFC
- (d) BDF

Answer:

365. Five cars are ready at the start line of a race. Car B is positioned to the right of Car A but is not positioned next to Car C. Car C is positioned next to Car D, which has Car b on its left side. Car E is positioned furthest from Car C.

Which car does not have a car to the left of it?

- (a) Car C
- (b) Car D
- (c) Car E
- (d) Car A

Answer:

366. Four friends are almost the same age. Bill was born four months after Dylan. Dylan was born nine months before Mary. Mary was born two months before John.

Who is the eldest?

- (a) Mary
- (b) Dylan
- (c) John
- (d) Bill

Answer:

367. All bank clients are old. All old people are rich.

Which of the following must be true?

- (a) All rich people are old

- (b) All old people are bank clients
- (c) All old people are poor
- (d) All bank clients are rich

Answer:

368. A told B that C is his father's nephew. D is A's cousin but not the brother of C. What relationship is there between D and C ?

- (a) Father
- (b) Sisters
- (c) Aunt
- (d) Mother

Answer:

369. A family consists of six members P, Q, R, X, Y and Z. Q is the son of R but R is not mother of Q. P and R are a married couple. Y is the brother of R. X is the daughter of P. Z is the brother of P. Who is the father of Q ?

- (a) P
- (b) R
- (c) X
- (d) Z

Answer:

370. The following paragraph is made of sentences which are jumbled. Unscramble this paragraph and sort the sentences in their proper order.

A: And if you are in an English-speaking country,

B: Chances are they will have an Indian accent.

C: Your phone rings - someone's trying to sell you financial services.

D: The person you are speaking to is likely to be sitting in a massive room with hundreds of other people.

- (a) D,C,A,B
- (b) C,A,B,D

(c) C,B,A,D

(d) C,D,A,B

Answer:

371. Pointing towards a person, a man said to a woman, "His mother is the only daughter of your father." How is the woman related to that person?

(a) Sister

(b) Daughter

(c) Mother

(d) Wife

Answer:

372. A family consists of six members P, Q, R, X, Y and Z. Q is the son of R but R is not mother of Q. P and R are a married couple. Y is the brother of R. X is the daughter of P. Z is the brother of P. How many children does P have ?

(a) 1

(b) 2

(c) 3

(d) 4

Answer:

373. Rearrange the letters in the word "rite" in order to make a new word. Which sentence below best describes the new word?

(a) Of emotional nature

(b) Pride in oneself

(c) To grow weary

(d) A sport

Answer:

374. Mary, Lilly and Carly are friends. Mary has brown hair. Lily is blond and Carly is red-haired. The blond one had brown eyes and so does the red-haired. But the one with brown hair has blue eyes. The one with red hair is the only one who has her natural hair colour, and she also has glasses, the blond girl wears glasses too.

Who has blue eyes?

- (a) Neither
- (b) Mary
- (c) Lily
- (d) Carly

Answer:

375. Pointing out to a girl a man said "My uncle is the uncle of this girl's uncle". How is the man related to that girl ?

- (a) Cousin
- (b) Brother
- (c) Father in law
- (d) Father

Answer:

376. A, B, C, D, E and F are members of a club. There are two married couples in the group. A is the brother of D's Husband. C is the president of Women's Association. F is a Sitar Player, and Bachelor. B's wife is not a member of the Club. Four of them belong to the same family. B and F are colleagues in the club. How is F related to B?

- (a) Wife
- (b) Husband
- (c) Father
- (d) It is not possible to determine

Answer:

377. Peter is taller than Brian but shorter than Peta. Mathias is taller than Peta. Who is the tallest?

- (a) Peter

- (b) Brian
- (c) Peta
- (d) Mathias

Answer:

378. Which word does not belong with the others?

- (a) Table
- (b) Glove
- (c) Plate
- (d) Branch

Answer:

379. Peter, Stuart, Michael, John and Colin all have their own single tents to go to camp. Michael and Peter have sewn-in groundsheets as well as plastic sheets for the ground. The others only have plastic sheets for the ground. Peter and John have nylon tents. The others have canvas tents. Peter and Colin have zippers with their tents, while the others have drawstrings.

How many have plastic sheets in tents that are not made of canvas and have no zippers?

- (a) 3
- (b) 2
- (c) None
- (d) 1

Answer:

380. In the school bus the 6 children have to occupy 6 seats in a row. William wishes to sit next to Jack. Jack prefers to sit next to June. Flora does not want to sit next to Hugh. Dan wants to sit next to William or Flora. June does not want to sit next to Hugh but wishes to sit next to Flora.

Flora only wish to sit next to one person.

To fulfill all of the children's preferences, who should sit next to Hugh?

- (a) Jack and William
- (b) William only

(c) Dan and William

(d) Dan only

Answer:

381. A family consists of six members P, Q, R, S, T and U. There are two married couples. Q is a doctor and the father of T. U is grandfather of R and is a contractor. S is grandmother of T and is a housewife. There is one doctor, one contractor, one nurse, one housewife and two students in the family. What is the profession of P ?

(a) Nurse

(b) Doctor

(c) Contractor

(d) Housewife

Answer:

382. If S is the brother of N, the sister of N is M, the brother of P is J and the daughter of S is P then who is the uncle of J?

(a) J

(b) S

(c) P

(d) M

Answer:

383. The Jacksons have four children: Michael, Brian, Paul and Linda. Brian is dark haired, Paul is red haired and the others are blond. Michael has big teeth and Linda wear glasses but is very short. The one with big teeth has blue eyes. The red haired has grey eyes and is the tallest. Both who wear glasses also wear braces.

Which of the statements is true?

(a) Michael wears glasses

(b) Michael has grey eyes

(c) Linda has blue eyes

(d) Brian wears braces

Answer:

384. A girl introduced a boy as the son of the daughter of the father of her uncle. The boy is girl's

- (a) Uncle
- (b) Nephew
- (c) Brother
- (d) Son

Answer:

385. Eve, Brian, Tim, Michael, Luke and Lisa are members of the same family. amongst them are a lawyer, doctor, pilot, engineer, teacher and nurse. There are two married couples. Eve is married to the lawyer. The doctor is married to the nurse. Lisa is the mother of the engineer and Michael. Eve is the daughter-in-law of Lisa. Luke is a pilot and is the grandson of Brian. The doctor's name is Lisa. Tim and Michael are brothers. What is the name of the nurse?

- (a) Tim
- (b) Eve
- (c) Michael
- (d) Brian

Answer:

386. If X is the brother of the son of Y's son, how is X related to Y?

- (a) Cousin
- (b) Son
- (c) Grandson
- (d) Brother

Answer:

387. Peter weighs more than Michael. Nina weighs more than John. John weighs less than Ben. Michael and Ben are exactly the same weight.

If the information above is true, which of the following must also be true?

- (a) Nina weighs more than Peter
- (b) Michael weighs less than John
- (c) Michael weighs less than Nina
- (d) Peter weighs more than John

Answer:

388. The Smiths have five children: Luke, Hugh, Ann, Judy and Beth. Beth is 7 years old, one year younger than Hugh, who is half the age of Ann. Ann is 4 years older than Luke and he is five years younger than Judy.

How old is Judy?

- (a) 19
- (b) 16
- (c) 17
- (d) 15

Answer:

389. In a marathon Jack finished after Jane, and came in ahead of Bill. Mike beat Jane, but finished after Lee. where did Mike finish?

- (a) Third
- (b) First
- (c) Second
- (d) Fourth

Answer:

390. British Airlines departed last. KLM departed before SAS. SAS departed after United Airlines. United Airlines departed before KLM. American Airlines departed after SAS. Which airline departed first?

- (a) KLM
- (b) SAS
- (c) American Airlines

(d) United Airlines

Answer:

391. Pointing to a photograph, a man said, "I have no brother or sister but that man's father is my father's son." Whose photograph was it?

(a) His own

(b) His nephew's

(c) His father's

(d) His son's

Answer:

392. A is the mother of B and C. If D is the husband of C. What is A to D.

(a) Mother

(b) Sister

(c) Aunt

(d) Mother-in-law

Answer:

393. A man said to a lady, "Your mother's husband's sister is my aunt." How is the lady related to the man?

(a) Sister

(b) Daughter

(c) Mother

(d) Grand daughter

Answer:

394. Introducing a man, a woman said, "His wife is the only daughter of my father." How is that man related to the woman?

(a) Father-in-law

- (b) Husband
- (c) Maternal uncle
- (d) Brother

Answer:

395. Some professors are interesting people. All interesting people are good conversationalists. Peter is a good conversationalist. Which of the following is true?

- (a) Peter might be a professor
- (b) Peter is an interesting person
- (c) Peter cannot be a professor
- (d) None of the other answers

Answer:

396. Some fanatics shout loudly. Some people who shout loudly get hoarse throats. John is fanatically devoted to video game playing. Which of the following is true?

- (a) John likely has a throat that is not hoarse
- (b) John likely does not have a hoarse throat
- (c) John's throat might be hoarse
- (d) John does not have a hoarse throat

Answer:

397. Standing next to a loud speaker can cause you to become deaf. Bob regularly stands next to loud speakers. Which of the following is true?

- (a) Bob likely will not become deaf
- (b) Bob is likely to become deaf
- (c) Bob will become deaf in the future
- (d) None of the above

Answer:

398. Buildings often are damaged in earthquakes. Blueburgh rarely has earthquakes. Which of the following is true?

- (a) Blueburgh is very safe
- (b) Blueburgh has several damaged buildings
- (c) Blueburgh likely has few damaged buildings
- (d) None of the above

Answer:

399. Wind power is more popular than coal power. Coal power is more pragmatic because it is more cost-effective. The people of Uniontown are practical and, on average, tend to make purely practical choices. Which of the following is true?

- (a) The people of Uniontown will be more likely to choose coal power than wind power
- (b) The people of Uniontown will hate wind power
- (c) The people of Uniontown will likely love coal power
- (d) The people of Uniontown will love coal power

Answer:

400. Vermin infestations always bring down the price of a house. My house is filled with giant rats. Which of the following true?

- (a) My house needs fumigation
- (b) The valuation of my house is lower than it could be
- (c) My house will be worth less in the future
- (d) My house is a health risk

Answer:

401. Find the statement that must be true according to the given information.

Sara lives in a large city on the East Coast. Her younger cousin Marlee lives in the Mid-west in a small town with fewer than 1,000 residents. Marlee has visited Sara several times during the past five years. In the same period of time, Sara has visited Marlee only once.

- (a) Marlee likes Sara better than Sara likes Marlee

- (b) Sara thinks small towns are boring
- (c) Sara is older than Marlee
- (d) Marlee wants to move to the East Coast

Answer:

402. Find the statement that must be true according to the given information.

When they heard news of the hurricane, Maya and Julian decided to change their vacation plans. Instead of traveling to the island beach resort, they booked a room at a fancy new spa in the mountains. Their plans were a bit more expensive, but they'd heard wonderful things about the spa and they were relieved to find availability on such short notice.

- (a) Maya and Julian take beach vacations every year
- (b) The spa is overpriced
- (c) It is usually necessary to book at least six months in advance at the spa
- (d) Maya and Julian decided to change their vacation plans because of the hurricane

Answer:

403. Seahorse populations have declined everywhere that seahorses are fished. During the past five years, seahorse populations have decreased by 50%. Last year, biologists met to discuss what might be done to reverse this trend.

- (a) Seahorses are likely to become extinct within five years
- (b) One way to increase seahorse populations is to ban the fishing of seahorses
- (c) Biologists from all over the world are working to save the seahorses
- (d) Seahorse fishermen have spoken out against the biologists

Answer:

404. Ten new television shows appeared during the month of September. Five of the shows were sitcoms, three were hour-long dramas, and two were news-magazine shows. By January, only seven of these new shows were still on the air. Five of the shows that remained were sitcoms.

- (a) Only one of the news-magazine shows remained on the air.
- (b) Only one of the hour-long dramas remained on the air. -

(c) At least one of the shows that was cancelled was an hour-long drama

(d) Television viewers prefer sitcoms over hour-long dramas

Answer:

405. On weekends, Mr. Sanchez spends many hours working in his vegetable and flower gardens. Mrs. Sanchez spends her free time reading and listening to classical music. Both Mr. Sanchez and Mrs. Sanchez like to cook.

(a) Mr. Sanchez enjoys planting and growing vegetables

(b) Mr. Sanchez does not like classical music

(c) Mrs. Sanchez cooks the vegetables that Mr. Sanchez grows

(d) Mrs. Sanchez enjoys reading nineteenth century novels

Answer:

406. Georgia is older than her cousin Marsha. Marsha's brother Bart is older than Georgia. When Marsha and Bart are visiting with Georgia, all three like to play a game of Monopoly. Marsha wins more often than Georgia does.

(a) When he plays Monopoly with Marsha and Georgia, Bart often loses

(b) Of the three, Georgia is the oldest

(c) Georgia hates to lose at Monopoly

(d) Of the three, Marsha is the youngest

Answer:

407. Mara runs faster than Gail

Lily runs faster than Mara

Gail runs faster than Lily

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer:

408. Apartments in the Riverdale Manor cost less than apartments in The Gaslight Commons
 Apartments in the Livingston Gate cost more than apartments in the The Gaslight Commons
 Of the three apartment buildings, the Livingston Gate costs the most

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer:

409. The Kingston Mall has more stores than the Galleria
 The Four Corners Mall has fewer stores than the Galleria
 The Kingston Mall has more stores than the Four Corners Mall

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer:

410. All the tulips in Zoe's garden are white
 All the pansies in Zoe's garden are yellow
 All the flowers in Zoe's garden are either white or yellow

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer:

411. During the past year, Josh saw more movies than Stephen
Stephen saw fewer movies than Darren
Darren saw more movies than Josh

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer:

412. Rover weighs less than Fido
Rover weighs more than Boomer
Of the three dogs, Boomer weighs the least

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer:

413. All the offices on the 9th floor have wall-to-wall carpeting
No wall-to-wall carpeting is pink
None of the offices on the 9th floor has pink wall-to-wall carpeting

If the first two statements are true, the third statement is

(a) true

(b) false

(c) uncertain

(d)

Answer:

414. All books are made of acid-free paper. Most newspapers are printed on acidic paper. A bin has a mix of acidic and non-acidic paper. Which of the following must hold?

(a) Books are likely in the bin

(b) There is a mixture of newspapers and books in the bin

(c) There are newspapers in the bin

(d) We cannot determine if there are books or newspapers in the bin

Answer:

415. Healthy emotions include only joy, sorrow, and impatience. In a group of people, everyone has exactly two emotions, both of which are healthy, and the healthy emotions can only occur twice in the whole group. Ronald experiences joy and another emotion. Jacob is sorrowful and impatient. Mildred experiences joy and another emotion. Which of the following must be true?

(a) Both Ronald and Mildred experience impatience

(b) Ronald also experiences either sorrow or impatience

(c) Mildred experiences sorrow

(d) Ronald experiences impatience

Answer:

416. Some tall people are said to have long toenails. Everyone with long toenails is spiteful. All spiteful people are very unpleasant. After traveling with George, I have decided that he is the most spiteful man alive. Which of the following must be true?

(a) George is very unpleasant

(b) George is likely to have long toenails

(c) George is very likely to be tall

(d) George has long toenails

Answer:

417. Some hobos are completely antisocial. If they are not, they must be musicians. Ronald is a member of "Club Euphonious," which is a society of hobos. Which of the following must hold?

- (a) Ronald is not a hobo
- (b) Ronald is potentially a musician
- (c) Ronald is not a musician
- (d) Ronald is a musician

Answer:

418. Translations rarely are faithful to their original texts. Poets become enraged when their texts are significantly altered. Peter's latest poetry was translated from English into French. Which of the following is true?

- (a) Peter might be angry
- (b) Peter hates translation
- (c) Peter's native tongue is English
- (d) Peter is angry

Answer:

419. All briars are painful bushes. All painfull bushes are always avoided. Bob saw a briar. Which of the following is true?

- (a) Bob might have decided to touch the briar
- (b) Bob avoided the briar
- (c) Bob was in great pain
- (d) None of the above

Answer:

420. Brandon thinks most tablecloths are ugly. The sight of ugly things depresses Brandon. Maria gave brandon a new tablecloth as a gift. Which of the following is true?

- (a) Maria is very inconsiderate
- (b) Brandon hates tablecloths

(c) Brandon is likely to be depressed

(d) Brandon is quite depressed

Answer:

421. All refineries are profitable businesses. all profitable businesses pay a lot of taxes. The new plant at Ralton is profitable. Which of the following is true?

(a) The new plant pays a lot of taxes

(b) The new plant is a refinery

(c) The new plant will become a refinery

(d) The new plant might pay a lot of taxes

Answer:

422. William is taller than Sally. Peter is taller than William. Henry is shorter than William. Which of the following is true?

(a) Harry is shorter than Sally

(b) Sally is shorter than Harry

(c) Peter is taller than Sally

(d) Sally is taller than Peter

Answer:

423. Larry loves to write computer programs at night. When he is awake late, Larry drinks soda. Larry loves what he is doing right now. Which of the following is true?

(a) Larry is not drinking any soda

(b) Larry is drinking soda

(c) Larry is probably programming

(d) None of the above

Answer:

424. Vincent has a paper route. Each morning, he delivers 37 newspapers to customers in his neighborhood. It takes Vincent 50 minutes to deliver all the papers. If Vincent is sick or has other plans, his friend Thomas, who lives on the same street, will sometimes deliver the papers for him.

- (a) Vincent and Thomas live in the same neighborhood
- (b) It takes Thomas more than 50 minutes to deliver the papers
- (c) It is dark outside when Vincent begins his deliveries
- (d) Thomas would like to have his own paper route

Answer:

425. The Pacific yew is an evergreen tree that grows in the Pacific Northwest. The Pacific yew has a fleshy, poisonous fruit. Recently, taxol, a substance found in the bark of the Pacific yew, was discovered to be a promising new anticancer drug.

- (a) Taxol is poisonous when taken by healthy people
- (b) Taxol has cured people from various diseases
- (c) People should not eat the fruit of the Pacific yew
- (d) The Pacific yew was considered worthless until taxol was discovered

Answer:

426. Erin is twelve years old. For three years, she has been asking her parents for a dog. Her parents have told her that they believe a dog would not be happy in an apartment, but they have given her permission to have a bird. Erin has not yet decided what kind of bird she would like to have.

- (a) Erin's parents like birds better than they like dogs#5
- (b) Erin does not like birds
- (c) Erin and her parents live in an apartment
- (d) Erin and her parents would like to move

Answer:

427. Last summer, Mike spent two weeks at a summer camp. There, he went hiking, swimming, and canoeing. This summer, Mike looks forward to attending a two-week music camp, where he hopes to sing, dance, and learn to play the guitar.

- (a) Mike's parents want him to learn to play the guitar!#5

- (b) Mike prefers music to outdoor activities
- (c) Mike goes to some type of camp every summer
- (d) Mike likes to sing and dance

Answer:

428. Tim's commute never bothered him because there were always seats available on the train and he was able to spend his 40 minutes comfortably reading the newspaper or catching up on paperwork. Ever since the train schedule changed, the train has been extremely crowded, and by the time the doors open at his station, there isn't a seat to be found.

- (a) Tim would be better off taking the bus to work
- (b) Tim's commute is less comfortable since the train schedule changed
- (c) Many commuters will complain about the new train schedule
- (d) Tim will likely look for a new job closer to home

Answer:

429. Generation Xers are those people born roughly between 1965 and 1981. As employees, Generation Xers tend to be more challenged when they can carry out tasks independently. This makes Generation Xers the most entrepreneurial generation in history.

This paragraph best supports the statement that Generation Xers

- (a) work harder than people from other generation
- (b) have a tendency to be self-directed workers
- (c) have an interest in making history
- (d) tend to work in jobs that require risk-taking behavior

Answer:

430. If you're a fitness walker, there is no need for a commute to a health club. Your neighborhood can be your health club. You don't need a lot of fancy equipment to get a good workout either. All you need is a well-designed pair of athletic shoes.

This paragraph best supports the statement that

- (a) fitness walking is a better form of exercise than weight lifting

- (b) a membership in a health club is a poor investment
- (c) walking outdoors provides a better workout than walking indoors
- (d) fitness walking is a convenient and valuable form of exercise

Answer:

431. In the past, consumers would rarely walk into an ice cream store and order low-fat ice cream. But that isn't the case today. An increasing health consciousness combined with a much bigger selection of tasty low-fat foods in all categories has made low-fat ice cream a very profitable item for ice cream store owners.

This paragraph best supports the statement that

- (a) low-fat ice cream produces more revenue than other low-fat foods
- (b) ice cream store owners would be better off carrying only low-fat ice cream
- (c) ice cream store owners no longer think that low-fat ice cream is an unpopular item
- (d) low-fat ice cream is more popular than other kinds of ice cream

Answer:

432. Today's high school students spend too much time thinking about trivial and distracting matters such as fashion. Additionally, they often dress inappropriately on school grounds. Rather than spending time writing another detailed dress policy, we should make school uniforms mandatory. If students were required to wear uniforms, it would increase a sense of community and harmony in our schools and it would instill a sense of discipline in our students. Another positive effect would be that teachers and administrators would no longer have to act as clothing police, freeing them up to focus on more important issues.

This paragraph best supports the statement that

- (a) inappropriate clothing leads to failing grades
- (b) students who wear school uniforms get into better colleges
- (c) teachers and administrators spend at least 25% of their time enforcing the dress code
- (d) school uniforms should be compulsory for high school students

Answer:

433. The criminal justice system needs to change. The system could be more just if it allowed victims the opportunity to confront the person who has harmed them. Also, mediation between victims and their offenders would give the offenders a chance to apologize for the harm they have done.

This paragraph best supports the statement that victims of a crime should

- (a) learn to forgive their offenders
- (b) have the right to confront their offenders
- (c) learn the art of mediation
- (d) insist that their offenders be punished

Answer:

434. Some men are strong. A few strong men are able to smash brick with their heads. Luca is man. Which of the following is most likely to be true?

- (a) Luca can smash bricks with his head
- (b) Luca is strong
- (c) Luca might be strong
- (d) None of the above

Answer:

435. Allen spent more at the store than Sally. Sally always outspends Jim at the store. Malinda always spends twice what Sally spends. Which of the following is true?

- (a) Jim spent more than Malinda
- (b) Jim spent less than Malinda
- (c) Malinda spent less than Allen
- (d) Malinda spent more than Allen

Answer:

436. Lazy people often sleep late into the day. If you generally sleep late into the day, you will almost always run the risk of being unproductive. Lawrence is a lazy person. Which of the following is most correct?

- (a) Lawrence gets up late

- (b) Lawrence will be regularly productive
- (c) Lawrence is unproductive
- (d) Lawrence is potentially unproductive

Answer:

437. No cars run on potatoes. all potato-based vehicles move slowly. Which of the following holds?

- (a) Potato-based vehicles must be supplemented by other fuels
- (b) Cars could run on potatoes
- (c) Cars run slowly
- (d) None of the above

Answer:

438. All radios are a type of signal-receiving device. Some types of signal receiving devices are regulated by the government. Which of the following is the best conclusion?

- (a) Radios are regulated by the government
- (b) It is possible that radios are regulated by the government
- (c) Radios have no relationship to the government
- (d) Radios are not regulated by the government

Answer:

439. On the planet Racknar, all trains travel westward only and often fall off the face of the planet through massive holes. Also, on this planet, all planes travel only north or west and never have accidents. Harry, an inhabitant of Racknar, tragically died during a trip westward. Which of the following is true?

- (a) Harry flew on a plane
- (b) Harry might have flown on a plane
- (c) Harry travelled by train
- (d) Harry's death was caused by falling through a hole in the earth

Answer:

440. A few states in this country are considering legislation that would prohibit schools from using calculators before the sixth grade. Other states take a different position. Some states are insisting on the purchase of graphing calculators for every student in middle school.

This paragraph best supports the statement that in this country

- (a) there are at least two opinions about the use of calculators in schools
- (b) calculators are frequently a detriment to learning math
- (c) state legislators are more involved in education than ever before
- (d) the price of graphing calculators is less when schools buy in bulk

Answer:

441. Today's workforce has a new set of social values. Ten years ago, a manager who was offered a promotion in a distant city would not have questioned the move. Today, a manager in that same situation might choose family happiness instead of career advancement.

This paragraph best supports the statement that

- (a) most managers are not loyal to the corporations for which they work
- (b) businesses today do not understand their employees needs
- (c) employees social values have changed over the past ten years
- (d) career advancement is not important to today's business managers

Answer:

442. It is well known that the world urgently needs adequate distribution of food, so that everyone gets enough. Adequate distribution of medicine is just as urgent. Medical expertise and medical supplies need to be redistributed throughout the world so that people in emerging nations will have proper medical care.

This paragraph best supports the statement that

- (a) the majority of the people in the world have never been seen by a doctor
- (b) food production in emerging nations has slowed during the past several years
- (c) most of the world's doctors are selfish about giving time and money to the poor

(d) many people who live in emerging nations are not receiving proper medical care

Answer:

443. Yoga has become a very popular type of exercise, but it may not be for everyone. Before you sign yourself up for a yoga class, you need to examine what it is you want from your fitness routine. If you're looking for a high-energy, fast-paced aerobic workout, a yoga class might not be your best choice.

This paragraph best supports the statement that

- (a) yoga is more popular than high-impact aerobics
- (b) before embarking on a new exercise regimen, you should think about your needs and desires
- (c) yoga is changing the world of fitness in major ways
- (d) yoga benefits your body and mind

Answer:

444. Human technology developed from the first stone tools about two and a half million years ago. At the beginning, the rate of development was slow. Hundreds of thousands of years passed without much change. Today, new technologies are reported daily on television and in newspapers.

This paragraph best supports the statement that

- (a) stone tools were not really technology
- (b) stone tools were in use for two and a half million years
- (c) there is no way to know when stone tools first came into use
- (d) In today's world, new technologies are constantly being developed

Answer:

445. Read the below passage carefully and answer the questions: Giving children computers in grade school is a waste of money and teachers time. These children are too young to learn how to use computers effectively and need to spend time on learning the basics, like arithmetic and reading. After all, a baby has to crawl before she can walk.

Which of the following methods of argument is used in the previous passage?

- (a) a specific example that illustrates the speaker's point
- (b) attacking the beliefs of those who disagree with the speaker

- (c) relying on an analogy to prove the speaker's point
- (d) displaying statistics that back up the speaker's point

Answer:

446. Books do not make much profit per sale. Sometimes, massive sales of books make a lot of profit. Thomas is a well-known author. Which of the following is true?

- (a) Thomas is likely unprofitable as an author
- (b) Thomas is a profitable author
- (c) Thomas is likely to be a profitable author
- (d) None of the above answers

Answer:

447. Only the strong will be victorious. All hardheaded people are strong. Thomas is hardheaded. Which of the following is true?

- (a) Thomas could be victorious
- (b) Thomas is not hardheaded
- (c) Thomas will not be victorious
- (d) Thomas will be victorious

Answer:

448. All thoroughbred horses are expensive to keep. Any purchase of an expensive animal leads either to poverty or family breakups. Paula forced her husband to buy her thoroughbred stallion. They remained happily married for the rest of their lives. Which of the following is true?

- (a) Paula and her husband are wealthy after a divorced period.
- (b) Paula and her husband fought about money most of their marriage
- (c) Paula and her husband nearly got divorced
- (d) Paula and her husband live in poverty

Answer:

449. English majors read more books than anthropology majors. Computer science majors read fewer books than biology majors. Biology majors read fewer books than English majors. Which of the following is true?

- (a) Computer science majors read more than anthropology majors
- (b) Anthropology majors read more than computer science majors
- (c) Anthropology majors read more than biology majors
- (d) None of the above answers

Answer:

450. Chemistry is more difficult than political science. Political science is easier than Physics. Physics is more difficult than Biology. Which of the following is true?

- (a) Chemistry is easier than physics
- (b) Biology is more difficult than political science
- (c) Chemistry is more difficult than physics
- (d) None of the above answers

Answer:

451. More bankers eat pork chops than do accountants. All accountants drink twice as much water as do engineers. Mary is a banker. Which of the following is true?

- (a) Mary drinks more water than her engineer friend Rebecca
- (b) Mary likely eats more pork chops and drinks more water than any of her engineer friends
- (c) Mary eats many pork chops
- (d) None of the above answers

Answer:

452. Mathematics allows us to expand our consciousness. Mathematics tells us about economic trends, patterns of disease, and the growth of populations. Math is good at exposing the truth, but it can also perpetuate misunderstandings and untruths. Figures have the power to mislead people.

This paragraph best supports the statement that

- (a) the study of mathematics is dangerous

- (b) words are more truthful than figures
- (c) the study of mathematics is more important than other disciplines
- (d) figures are sometimes used to deceive people

Answer:

453. In the 1966 Supreme Court decision *Miranda v. Arizona*, the court held that before the police can obtain statements from a person subjected to an interrogation, the person must be given a Miranda warning. This warning means that a person must be told that he or she has the right to remain silent during the police interrogation. Violation of this right means that any statement that the person makes is not admissible in a court hearing.

This paragraph best supports the statement that

- (a) police who do not warn persons of their Miranda rights are guilty of a crime
- (b) a Miranda warning must be given before a police interrogation can begin
- (c) the police may no longer interrogate persons suspected of a crime unless a lawyer is present
- (d) the 1966 Supreme Court decision in *Miranda* should be reversed

Answer:

454. During colonial times in America, juries were encouraged to ask questions of the parties in the courtroom. The jurors were, in fact, expected to investigate the facts of the case themselves. If jurors conducted an investigation today, we would throw out the case.

This paragraph best supports the statement that

- (a) juries are less important today than they were in colonial times
- (b) jurors today are less interested in court cases than they were in colonial times
- (c) courtrooms today are more efficient than they were in colonial times
- (d) the jury system in America has changed since colonial times

Answer:

455. There are no effective boundaries when it comes to pollutants. Studies have shown that toxic insecticides that have been banned in many countries are riding the wind from countries where they remain legal. Compounds such as DDT and toxaphene have been found in remote places like the Yukon and other Arctic regions.

This paragraph best supports the statement that

- (a) toxic insecticides such as DDT have not been banned throughout the world
- (b) more pollutants find their way into polar climates than they do into warmer areas
- (c) studies have proven that many countries have ignored their own antipollution laws
- (d) DDT and toxaphene are the two most toxic insecticides in the world

Answer:

456. The Fourth Amendment to the Constitution protects citizens against unreasonable searches and seizures. No search of a person's home or personal effects may be conducted without a written search warrant issued on probable cause. This means that a neutral judge must approve the factual basis justifying a search before it can be conducted.

This paragraph best supports the statement that the police cannot search a person's home or private papers unless they have

- (a) legal authorization
- (b) direct evidence of a crime
- (c) read the person his or her constitutional rights
- (d) a reasonable belief that a crime has occurred

Answer:

457. All creeps are ring-rangs. Some ring-rangs are zip-doodles. All zip-doodles are mishmashes. Which of the following is true?

- (a) All mishmashes are creeps
- (b) Some creeps are mishmashes.
- (c) All mishmashes are zip-doodles.
- (d) All creeps are mishmashes

Answer:

458. There never are sales on corn in Alaska. A massive shipment of corn arrived in Alaska this month. Which of the following is true?

- (a) The demand for corn has increased quickly
- (b) Retail prices for corn plummeted
- (c) Corn is now being used for non-edible purposes in Alaska
- (d) Corn prices in Alaska have remained level

Answer:

459. Intelligence can sometimes lead to a job that pays well. A job that pays well is sometimes fulfilling. Filbert is the most intelligent person in Vermont.

- (a) Filbert has a fulfilling career.
- (b) Filbert is unlikely to be miserable
- (c) Filbert is well paid
- (d) None of the other answers

Answer:

460. All musicians are temperamental. Temperamental people are either angry or joyful. Peter and Ronald are friends. Ronald is joyful. Which of the following is true?

- (a) Peter is also joyful
- (b) Ronald is a musician
- (c) Peter and Ronald have a tumultuous friendship
- (d) Ronald might be a musician

Answer:

461. Mildred is regularly bitter, especially when George is happy. George is always happy when it is hailing. Yesterday, there was a massive hailstorm. Which of the following is true?

- (a) George might be happy
- (b) Mildred is not bitter
- (c) Mildred is bitter.
- (d) None of the above answers

Answer:

462. Pilfering pizzas always makes Bob joyous. Yesterday, Bob stole three pizzas. Which of the following is true?

- (a) Bob might have been joyful yesterday
- (b) Bob is in jail today
- (c) Bob was joyous yesterday
- (d) Bob is a joyful person

Answer:

463. Obesity is a serious problem in this country. Research suggests that obesity can lead to a number of health problems including diabetes, asthma, and heart disease. Recent research has even indicated that there may be a relationship between obesity and some types of cancer. Major public health campaigns that increase awareness and propose simple lifestyle changes that will, with diligence and desire, eliminate or least mitigate the incidence of obesity are a crucial first step in battling this critical problem.

This paragraph best supports the statement that

- (a) public health campaigns that raise consciousness and propose lifestyle changes are a productive way to fight obesity
- (b) obesity is the leading cause of diabetes in our country
- (c) people in our country watch too much television and do not exercise enough
- (d) a decline in obesity would radically decrease the incidence of asthma

Answer:

464. Critical reading is a demanding process. To read critically, you must slow down your reading and, with pencil in hand, perform specific operations on the text. Mark up the text with your reactions, conclusions, and questions. When you read, become an active participant.

This paragraph best supports the statement that

- (a) critical reading is a slow, dull, but essential process
- (b) the best critical reading happens at critical times in a person's life
- (c) readers should get in the habit of questioning the truth of what they read
- (d) critical reading requires thoughtful and careful attention

Answer:

465. Walk into any supermarket or pharmacy and you will find several shelves of products designed to protect adults and children from the sun. Additionally, a host of public health campaigns have been created, including National Skin Cancer Awareness Month, that warn us about the sun's damaging UV rays and provide guidelines about protecting ourselves. While warnings about the sun's dangers are frequent, a recent survey found that fewer than half of all adults adequately protect themselves from the sun.

This paragraph best supports the statement that

- (a) children are better protected from the sun's dangerous rays than adults
- (b) sales of sun protection products are at an all-time high
- (c) adults are not heeding the warnings about the dangers of sun exposure seriously enough
- (d) more adults have skin cancer now than ever before

Answer:

466. For too long, school cafeterias, in an effort to provide food they thought would be appetizing to young people, mimicked fast-food restaurants, serving items such as burgers and fries, pizza, hot dogs, and fried chicken. School districts nationwide are now addressing this trend by incorporating some simple and inexpensive options that will make cafeteria lunches healthier while still appealing to students.

This paragraph best supports the statement that

- (a) school cafeterias have always emphasized nutritional guidelines over any other considerations
- (b) young people would rather eat in a school cafeteria than a local fast-food restaurant
- (c) school lunch menus are becoming healthier due to major new initiatives on the part of school districts
- (d) it is possible to make school lunches both healthier and appealing without spending a great deal of money and undertaking a radical transformation

Answer:

467. Forest fires feed on decades-long accumulations of debris and leap from the tops of young trees into the branches of mature trees. Fires that jump from treetop to treetop can be devastating. In old-growth forests, however, the shade of mature trees keeps thickets of small trees from sprouting, and the lower branches of mature trees are too high to catch the flames.

This paragraph best supports the statement that

- (a) forest fire damage is reduced in old-growth forests
- (b) small trees should be cut down to prevent forest fires
- (c) mature trees should be thinned out to prevent forest fires
- (d) forest fires do the most damage in old-growth forests

Answer:

468. Almost all roaches are disease-filled. The local garbage pit is overrun with millions of roaches. Which of the following is true?

- (a) There are some disease-free roaches in the garbage pit
- (b) The garbage pit is completely free of disease
- (c) The garbage pit is disease-filled.
- (d) The garbage pit is likely to be disease-filled

Answer:

469. No bankers ever eat cake for dinner. Some people who do not eat cake for dinner have excellent teeth. Bill never eats cake for dinner. Which of the following is true?

- (a) Bill is a banker.
- (b) Bill might be a banker and has excellent teeth.
- (c) Bill has excellent teeth.
- (d) Bill might have excellent teeth

Answer:

470. Jeremy is taller than Jean. John is shorter than Jeremy. John is shorter than Jean. If the first two sentences are true, the third is _____.

- (a) uncertain
- (b) true
- (c) false

(d)

Answer:

471. Thomas is smarter than Luca. Luca is smarter than John. John is smarter than Thomas. If the first two sentences are true, the third is _____.

(a) uncertain

(b) true

(c) false

(d)

Answer:

472. Baruch is weirder than Frederick. Frederick is weirder than Arthur. Baruch is weirder than Arthur. If the first two sentences are true, the third is _____.

(a) uncertain

(b) true

(c) false

(d)

Answer:

473. Godfrey is more unknown than Henry. Henry is better known than Giles. Giles is more unknown than Godfrey. If the first two sentences are true, the third is _____.

(a) false

(b) true

(c) uncertain

(d)

Answer:

474. During the last six years, the number of practicing physicians has increased by about 20%. During the same time period, the number of healthcare managers has increased by more than 600%. These percentages mean that many doctors have lost the authority to make their own schedules, determine the fees that they charge, and decide on prescribed treatments.

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This paragraph best supports the statement that doctors

- (a) resent the interference of healthcare managers
- (b) no longer have adequate training
- (c) care a great deal about their patients
- (d) are less independent than they used to be

Answer:

475. By the time they reach adulthood, most people can perform many different activities involving motor skills. Motor skills involve such diverse tasks as riding a bicycle, threading a needle, and cooking a dinner. What all these activities have in common is their dependence on precision and timing of muscular movement.

This paragraph best supports the statement that

- (a) most adults have not refined their motor skills
- (b) all adults know how to ride a bicycle
- (c) refined motor skills are specifically limited to adults
- (d) threading a needle is a precise motor skill

Answer:

476. Most Reality TV centers on two common motivators: fame and money. The shows transform waitresses, hairdressers, investment bankers, counselors, and teachers, to name a few, from obscure figures to house-hold names. A lucky few successfully parlay their fifteen minutes of fame into celebrity. The luckiest stars of Reality TV also reap huge financial rewards for acts including eating large insects, marrying someone they barely know, and revealing their innermost thoughts to millions of people.

This paragraph best supports the statement that

- (a) the stars of Reality TV are interested in being rich and famous
- (b) Reality TV is the best thing that has happened to network television in a long time
- (c) for Reality TV stars, fame will last only as long as their particular television show
- (d) traditional dramas and sitcoms are being replaced by Reality TV programming at an alarming rate

Answer:

477. The image of a knitter as an older woman sitting in a comfortable, old-fashioned living room with a basket of yarn at her feet and a bun in her hair is one of the past. As knitting continues to become more popular and increasingly trendy, it is much more difficult to describe the average knitter. Knitters today might be 18, 28, 40, or 65. They might live in a big urban center and take classes in a knitting shop that doubles as a cafe or they may gather in suburban coffee shops to support one another in knitting and other aspects of life. They could be college roommates knitting in their dorm room or two senior citizens knitting in a church hall. Even men are getting in the act. It would be incredibly difficult to come up with an accurate profile of a contemporary knitter to replace that image of the old woman with the basket of yarn!

This paragraph best supports the statement that

- (a) people are returning to knitting in an attempt to reconnect with simpler times
- (b) knitting is now more of a group activity, as opposed to an individual hobby
- (c) creating an accurate profile of a particular type of person depends on the people in this group having traits and characteristics in common
- (d) today's knitters are much less accomplished than knitters of the past

Answer:

478. Close-up images of Mars by the Mariner 9 probe indicated networks of valleys that looked like the stream beds on Earth. These images also implied that Mars once had an atmosphere that was thick enough to trap the sun's heat. If this were true, something happened to Mars billions of years ago that stripped away the planet's atmosphere.

This paragraph best supports the statement that

- (a) Mars now has little or no atmosphere
- (b) Mars once had a thicker atmosphere than Earth does
- (c) the Mariner 9 probe took the first pictures of Mars
- (d) Mars is closer to the sun than Earth is

Answer:

479. The school principal has received complaints from parents about bullying in the school yard during recess. He wants to investigate and end this situation as soon as possible, so he has asked the recess aides to watch closely. Which situation should the recess aides report to the principal?

- (a) A girl is sitting glumly on a bench reading a book and not interacting with her peers

- (b) Four girls are surrounding another girl and seem to have possession of her backpack
- (c) Two boys are playing a one-on-one game of basketball and are arguing over the last basket scored
- (d) Three boys are huddled over a handheld video game, which isn't supposed to be on school grounds

Answer:

480. Teddy has more fun than Jack. Franklin has less fun than Jack. Teddy has more fun than Franklin. If the first two sentences are true, the third is _____.

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

481. Physics is more difficult than chemistry. Chemistry is easier than philosophy. Philosophy is easier than physics. If the first two sentences are true, the third is _____.

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

482. It is easier to drive in snow than it is in ice. It is harder to drive in snow than in rain. It is easier to drive in rain than in ice. If the first two sentences are true, the third is _____.

- (a) false
- (b) true
- (c) uncertain
- (d)

Answer:

483. Nuclear power is more efficient than coal power. Coal power is less efficient than gas power. Gas power is more efficient than nuclear power. If the first two sentences are true, the third is _____.

- (a) true
- (b) uncertain
- (c) false
- (d)

Answer:

484. There are more cabs than trucks on the roads in New York City. There are more motorcycles than there are trucks on the roads in New York City. There are more cabs than motorcycles on the roads in New York City. If the first two sentences are true, the third is _____.

- (a) uncertain
- (b) false
- (c) true
- (d)

Answer:

485. Gremlins are more frightening than ogres. Skeletons are less frightening than ogres. Gremlins are more frightening than skeletons. If the first three sentences are true, the fourth is _____.

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

486. Ms. Forest likes to let her students choose who their partners will be; however, no pair of students may work together more than seven class periods in a row. Adam and Baxter have studied together seven class periods in a row. Carter and Dennis have worked together three class periods in a row. Carter does not want to work with Adam. Who should be assigned to work with Baxter?

- (a) Carter

- (b) Adam
- (c) Dennis
- (d) Forest

Answer:

487. Four people witnessed a mugging. Each gave a different description of the mugger. Which description is probably right?

- (a) He was average height, thin, and middle-aged
- (b) He was tall, thin, and middle-aged
- (c) He was tall, thin, and young
- (d) He was tall, of average weight, and middle-aged

Answer:

488. In a four-day period Monday through Thursday each of the following temporary office workers worked only one day, each a different day. Ms. Johnson was scheduled to work on Monday, but she traded with Mr. Carter, who was originally scheduled to work on Wednesday. Ms. Falk traded with Mr. Kirk, who was originally scheduled to work on Thursday. After all the switching was done, who worked on Tuesday?

- (a) Mr. Carter
- (b) Ms. Falk
- (c) Ms. Johnson
- (d) Mr. Kirk

Answer:

489. A four-person crew from Classic Colors is painting Mr. Field's house. Michael is painting the front of the house. Ross is in the alley behind the house painting the back. Jed is painting the window frames on the north side, Shawn is on the south. If Michael switches places with Jed, and Jed then switches places with Shawn, where is Shawn?

- (a) in the alley behind the house
- (b) on the north side of the house
- (c) in front of the house

(d) on the south side of the house

Answer:

490. Four defensive football players are chasing the opposing wide receiver, who has the ball. Calvin is directly behind the ball carrier. Jenkins and Burton are side by side behind Calvin. Zeller is behind Jenkins and Burton. Calvin tries for the tackle but misses and falls. Burton trips. Which defensive player tackles the receiver?

(a) Burton

(b) Zeller

(c) Jenkins

(d) Calvin

Answer:

491. Originating in the 1920s, the Pyramid scheme is one of the oldest con games going. Honest people are often pulled in, thinking the scheme is a legitimate investment enterprise. The first customer to "fall for" the Pyramid scheme will actually make big money and will therefore persuade friends and relatives to join also. The chain then continues with the con artist who originated the scheme pocketing, rather than investing, the money. Finally, the pyramid collapses, but by that time, the scam artist will usually have moved out of town, leaving no forwarding address.

This paragraph best supports the statement that

(a) it is fairly easy to spot a Pyramid scheme in the making

(b) the first customer of a Pyramid scheme is the most gullible

(c) the people who set up Pyramid schemes are able to fool honest people

(d) the Pyramid scheme had its heyday in the 1920s, but it's making a comeback

Answer:

492. Mark is working with a realtor to find a location for the toy store he plans to open in his town. He is looking for a place that is either in, or not too far from, the center of town and one that would attract the right kind of foot traffic. Which of the following locations should Mark's realtor call to his attention?

- (a) a storefront in a new high-rise building near the train station in the center of town whose occupants are mainly young, childless professionals who use the train to commute to their offices each day
- (b) a little shop three blocks away from the town's main street, located across the street from an elementary school and next door to an ice cream store
- (c) stand-alone storefront on a quiet residential street ten blocks away from the town's center
- (d) a storefront in a small strip mall located on the outskirts of town that is also occupied by a pharmacy and a dry cleaner

Answer:

493. George has a greater salary than John. Filbert has a lower salary than George. John's salary is less than Filbert's. If the first two sentences are true, the third is _____.

- (a) uncertain
- (b) false
- (c) true
- (d)

Answer:

494. Paul is smarter than Peter. Peter is smarter than Andrew. Andrew is smarter than Paul. If the first two sentences are true, the third is _____. Possible Answers:

- (a) true
- (b) uncertain
- (c) false
- (d)

Answer:

495. Emmanuel is more boring than David. Emmanuel is less boring than John. David is more boring than John. If the first two sentences are true, the third is _____.

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

496. Children are more immature than adults. Adults are more mature than teenagers. Teenagers are more mature than children. If the first two sentences are true, the third is _____.

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

497. Thomas is braver than Henry. Thomas is more cowardly than Athanasius. Athanasius is braver than Henry. If the first two sentences are true, the third is _____.

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

498. The tuba has a more beautiful tone than the trumpet. The flute has a less beautiful tone than the trumpet. The tuba has a less beautiful tone than the flute. If the first two sentences are true, the third is _____.

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

499. Read the question carefully and choose the correct answer. At the baseball game, Henry was sitting in seat 253. Marla was sitting to the right of Henry in seat 254. In the seat to the left of Henry was George. Inez was sitting to the left of George. Which seat is Inez sitting in?

- (a) 251
- (b) 254
- (c) 255
- (d) 256

Answer:

500. As they prepare for the state championships, one gymnast must be moved from the Level 2 team to the Level 1 team. The coaches will move the gymnast who has won the biggest prize and who has the most experience. In the last competition, Roberta won a bronze medal and has competed seven times before. Jamie has won a silver medal and has competed fewer times than Roberta. Beth has won a higher medal than Jamie and has competed more times than Roberta. Michele has won a bronze medal, and it is her third time competing. Who will be moved to the Level 1 team?

- (a) Roberta
- (b) Beth
- (c) Michele
- (d) Jamie

Answer:

501. Four friends in the sixth grade were sharing a pizza. They decided that the oldest friend would get the extra piece. Randy is two months older than Greg, who is three months younger than Ned. Kent is one month older than Greg. Who should get the extra piece of pizza?

- (a) Randy
- (b) Greg
- (c) Ned
- (d) Kent

Answer:

502. The high school math department needs to appoint a new chairperson, which will be based on seniority. Ms. West has less seniority than Mr. Temple, but more than Ms. Brody. Mr. Rhodes has more seniority than Ms. West, but less than Mr. Temple. Mr. Temple doesn't want the job. Who will be the new math department chairperson?

- (a) Mr. Rhodes
- (b) Mr. Temple
- (c) Ms. West
- (d) Ms. Brody

Answer:

503. Danielle has been visiting friends in Ridge-wood for the past two weeks. She is leaving tomorrow morning and her flight is very early. Most of her friends live fairly close to the airport. Madison lives ten miles away. Frances lives five miles away, Samantha, seven miles. Alexis is farther away than Frances, but closer than Samantha. Approximately how far away from the airport is Alexis?

- (a) nine miles
- (b) seven miles
- (c) eight miles
- (d) six miles

Answer:

504. Nurse Kemp has worked more night shifts in a row than Nurse Rogers, who has worked five. Nurse Miller has worked fifteen night shifts in a row, more than Nurses Kemp and Rogers combined. Nurse Calvin has worked eight night shifts in a row, less than Nurse Kemp. How many night shifts in a row has Nurse Kemp worked?

- (a) eight
- (b) nine
- (c) ten
- (d) eleven

Answer:

505. Children are in pursuit of a dog whose leash has broken. James is directly behind the dog. Ruby is behind James. Rachel is behind Ruby. Max is ahead of the dog walking down the street in the opposite direction. As the children and dog pass, Max turns around and joins the pursuit. He runs in behind Ruby. James runs faster and is alongside the dog on the left. Ruby runs faster and is alongside the dog on the right. Which child is directly behind the dog?

- (a) James
- (b) Ruby
- (c) Rachel
- (d) Max

Answer:

506. Rita, an accomplished pastry chef who is well known for her artistic and exquisite wedding cakes, opened a bakery one year ago and is surprised that business has been so slow. A consultant she hired to conduct market research has reported that the local population doesn't think of her shop as one they would visit on a daily basis but rather a place they'd visit if they were celebrating a special occasion. Which of the following strategies should Rita employ to increase her daily business?

- (a) making coupons available that entitle the coupon holder to receive a 25% discount on wedding, anniversary, or birthday cakes
- (b) exhibiting at the next Bridal Expo and having pieces of one of her wedding cakes available for tasting
- (c) placing a series of ads in the local newspaper that advertise the wide array of breads
- (d) moving the bakery to the other side of town

Answer:

507. Oatmeal wakes Sara better than chocolate does. Peanut butter makes Sara drowsier than does chocolate. Oatmeal wakes Sara better than does peanut butter. If the first two sentences are true, the third is _____.

- (a) true
- (b) uncertain
- (c) false
- (d)

Answer:

508. Scott is more beneficent than Michael. Michael is more miserly than Peter. Scott is more beneficent than Peter. If the first two sentences are true, the third is _____.

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

509. John is more tedious than Robert. Robert is more exciting than Alan. Alan is more exciting than John. If the first two sentences are true, the third is _____.

- (a) true
- (b) uncertain
- (c) false
- (d)

Answer:

510. Ibn Sina is more important than Ibn Rushd. Ibn Rushd is more trivial than Alfarabi. Alfarabi is more important than Ibn Sina. If the first two sentences are true, the third is _____.

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

511. Frank is poorer than Joseph. Pio is wealthier than Joseph. Frank is poorer than Pio. If the first two sentences are true, the third is _____.

- (a) false
- (b) uncertain
- (c) true

(d)

Answer:

512. Hops are more bitter than cocoa. Honey is sweeter than cocoa. Honey is sweeter than hops. If the first two sentences are true, the third is _____.

(a) false

(b) uncertain

(c) true

(d)

Answer:

513. Helga is uglier than Olga but prettier than Ilga. Olga is prettier than Gretel. Ilga is uglier than Gretel. If the first two statements are true, the third is _____.

(a) false

(b) uncertain

(c) true

(d)

Answer:

514. Crackers are drier than bread, which is drier than butter. Butter is drier than oil but moister than potatoes. Potatoes are drier than crackers. If the first two statements are true, the third is _____.

(a) uncertain

(b) true

(c) false

(d)

Answer:

515. Computers are more complex than typewriters, which are more complex than pencils. Pencils are less complex than ink wells but more complex than flint stones. Typewriters are more complex than flint stones. If the first two statements are true, the third is

- (a) false
- (b) true
- (c) uncertain
- (d)

Answer:

516. Lauren was better at cooking than she was at sewing. Barbara was better at scheduling than Lauren was at sewing. Barbara was better at scheduling than Lauren was at cooking. if the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

517. Nancy was pickier about vegetables than she was about fruits. Tim less picky about beers than Nancy was about fruits. nancy was pickier about vegetables than Tim was picky about beers. If the first two statements are true, the third is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

518. John is less conceited than Jeremy but more conceited than George. George is less humble than William. John is less conceited than William. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false

(d)

Answer:

519. Applying for Seasonal Employment occurs when a person requests to be considered for a job that is dependent on a particular season or time of year. Which situation below is the best example of Applying for Seasonal Employment?

- (a) The ski instructors at Top of the Peak Ski School work from December through March
- (b) Matthew prefers jobs that allow him to work outdoors
- (c) Lucinda makes an appointment with the beach resort restaurant manager to interview for the summer waitressing position that was advertised in the newspaper
- (d) Doug's ice cream shop stays open until 11 p.m. during the summer months

Answer:

520. Nicholas is wealthier than Scott but poorer than Leslie. Leslie is poorer than Pamela and wealthier than Barbara. Pamela is wealthier than Scott. If the first two statements are true, the third is

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

521. Richard is lazier than Brandon who is more industrious than Larry. Larry is lazier than Paul but more industrious than Todd. Todd is lazier than Brandon. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

522. Jonathan is more intelligent than Jeremy, who is more intelligent than Lola. Regina is less intelligent than Lola, who is more intelligent than Lena. Jonathan is more intelligent than both Lena and Regina. If the first two statements are true, the third is

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

523. Karen is more depressed than Carol, who is less depressed than Edward. Edward is more depressed than Paula, who is more depressed than Byron. Carol is more depressed than Byron. If the first two statements are true, the third is

- (a) uncertain
- (b) false
- (c) true
- (d)

Answer:

524. Sarah is busier than Leo, who is busier than Harold. Harold is less busy than Peter and Paul. Sarah is busier than Paul. If the first two statements are true, the third is

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

525. Sally is more successful than Luke but less successful than Peter. Luke is less successful than Ronald, who is less successful than Mildred. Peter is less successful than Mildred. If the first two statements are true, the third is

- (a) true

- (b) false
- (c) uncertain
- (d)

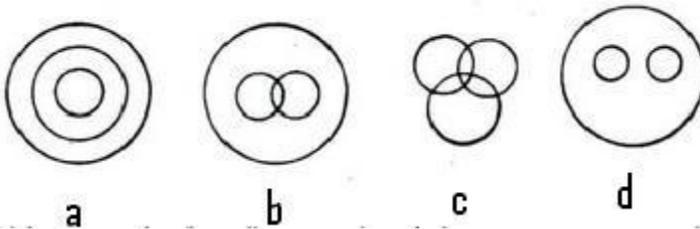
Answer:

526. Violating an Apartment Lease occurs when a tenant does something prohibited by the legally binding document that he or she has signed with a landlord. Which situation below is the best example of Violating an Apartment Lease?

- (a) Tim has decided to move to another city, so he calls his landlord to tell him that he is not interested in renewing his lease when it expires next month
- (b) Valerie recently lost her job and, for the last three months, has neglected to pay her landlord the monthly rent they agreed upon in writing when she moved into her apartment eight months ago
- (c) Mark writes a letter to his landlord that lists numerous complaints about the apartment he has agreed to rent for two years
- (d) Leslie thinks that her landlord is neglecting the building in which she rents an apartment. She calls her attorney to ask for advice

Answer:

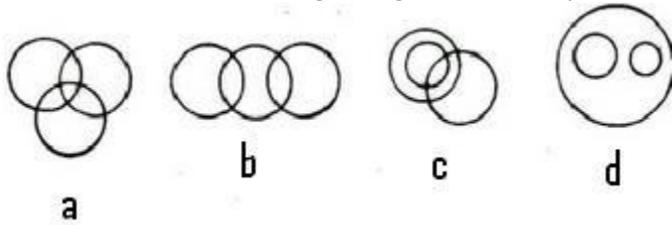
527. Which one of the four diagrams given below represents school, teachers and students?



- (a)
- (b)
- (c)
- (d)

Answer:

528. Which one of the four diagrams given below represents educated persons, musicians and singers?



(a)

(b)

(c)

(d)

Answer:

529. Ulric is more violent than Aethelwold. Beowulf is more violent than Aethelwold but less violent than Aelfric. Ulric is more violent than Aelfric. If the first two statements are true, the third is

(a) true

(b) false

(c) uncertain

(d)

530. The Sahara is hotter than the Alps. My tea kettle is warmer than the alps but cooler than my oven. My oven is hotter than the Sahara. If the first two statements are true, the third is

(a) uncertain

(b) true

(c) false

(d)

Answer:

531. Oatmeal is healthier than chili but less healthy than oysters. Oysters are less healthy than ham. Ham is healthier than chili. If the first two statements are true, the third is

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

532. Fredrick is louder than Bonaventure but softer than Aaron. Aaron is louder than helga who is louder than Bonaventure. helga is softer than Fredrick. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

533. Geoffrey is less famous than William but more famous than Reuel. Reuel is more famous than Clives. Geoffrey is more famous than Clives. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

534. It is simpler to fabricate bricks than it is to fabricate cut stone. Cut stone is more difficult to fabricate than mud roofs but less complicated to fabricate than plutonium rods. Plutonium rods are simpler to fabricate than bricks. If the first two statements are true, the third is

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

535. Porphyry is less mystifying than Plotinus, who is more mystifying than Ibn Gabriol. Avicenna is less mystifying than Ibn Gabriol. Pophyryis more mystifying than Ibn Gabriol. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

536. Hobbes is more frightening than Machiavelli, who is less frightening than ockham. Ockham is more frightening than Scotus but less frightening than Billuart. Billuart is less frightening than Machiavelli. If the first two statements are true, the third is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

537. Reginald is stricter than Jacques, who is less strict than Joseph. Joseph is stricter than Peter. Peter is stricter than Reginald. If the first two statements are true, the third is

- (a) false
- (b) true
- (c) uncertain
- (d)

Answer:

538. Gerbert is wilder than Hilbert, who is wilder than Egbert. Egbert is calmer than Filbert. Filbert is calmer than Gerbert. If the first two statements are true, the third is

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

539. Fantasy is more popular than biographies but less popular than self-help. Self-help is less popular than Thomism. Thomism is more popular than biographies. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

540. Nominalism is more problematic than conceptualism but less problematic than direct realism. Conceptualism is more problematic than Poinsettianism. Poinsettianism is more problematic than direct realism. If the first two statements are true, the third is

- (a) true
- (b) uncertain
- (c) false
- (d)

Answer:

541. An Informal Gathering occurs when a group of people get together in a casual, relaxed manner. Which situation below is the best example of an Informal Gathering?

- (a) The book club meets on the first Thursday evening of every month
- (b) After finding out about his promotion, Jeremy and a few coworkers decide to go out for a quick drink after work
- (c) Mary sends out 25 invitations for the bridal shower she is giving for her sister

(d) Whenever she eats at the Mexican restaurant, Clara seems to run into Peter

Answer:

542. In a March Past, seven persons are standing in a row. Q is standing left to R but right to P. O is standing right to N and left to P. Similarly, S is standing right to R and left to T. Find out who is standing in the middle

(a) Q

(b) P

(c) O

(d) R

Answer:

543. Mathematics is more abstract than natural philosophy but less abstract than metaphysics. Optics is more abstract than natural philosophy but less abstract than mathematics. Optics is more abstract than metaphysics. If the first two statements are true, the third is

(a) uncertain

(b) false

(c) true

(d)

Answer:

544. Hamburgers are more enjoyable than yogurt but less enjoyable than tuna steak. Tuna steak is more enjoyable than bacon. Bacon is less enjoyable than hamburgers. If the first two statements are true, the third is

(a) uncertain

(b) false

(c) true

(d)

Answer:

545. Cigars have oilier smoke than cigarettes but less oily smoke than pipes. Cornhusks have oilier smoke than pipes. Cigarettes have less oily smoke than cornhusks. If the first two statements are true, the third is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

546. Milk is healthier than apple juice and less healthy than carrot juice. Apple juice is healthier than syrup water. Syrup water is less healthy than milk. If the first two statements are true, the third is

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

547. Cajetan is more logical than Sylvester. John is less logical than Cajetan but more logical than Francisco. Francisco is less logical than Cajetan. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

548. Symphonies are more edifying than plays but less edifying than organ concerts. Silence is more edifying than organ concerts. Plays are less edifying than silence. If the first two statements are true, the third is

- (a) false
- (b) uncertain

(c) true

(d)

Answer:

549. People speculate when they consider a situation and assume something to be true based on inconclusive evidence. Which situation below is the best example of Speculation ?

(a) Francine decides that it would be appropriate to wear jeans to her new office on Friday after reading about "Casual Fridays" in her employee handbook

(b) Mary spends thirty minutes sitting in traffic and wishes that she took the train instead of driving

(c) After consulting several guidebooks and her travel agent, Jennifer feels confident that the hotel she has chosen is first-rate

(d) When Emily opens the door in tears, Theo guesses that she's had a death in her family

Answer:

550. Posthumous Publication occurs when a book is published after the author's death. Which situation below is the best example of Posthumous Publication ?

(a) Richard's illness took his life before he was able to enjoy the amazing early reviews of his novel

(b) Melissa's publisher cancels her book contract after she fails to deliver the manuscript on time

(c) Clarence never thought he'd live to see the third book in his trilogy published

(d) Elizabeth is honored with a prestigious literary award for her writing career and her daughter accepts the award on behalf of her deceased mother

Answer:

551. Six friends A, B, C, D, E and F are sitting in a closed circle facing the centre. A is facing D. C is between A and B. F is between E and A. Who is to the immediate left of B?

(a) C

(b) E

(c) A

(d) D

Answer:

552. Dragons are more dangerous than roaches but fleas are more dangerous than dragons. Fleas are less dangerous than bees. Bees are more dangerous than roaches. If the first two statements are true, the third is

- (a) true
- (b) uncertain
- (c) false
- (d)

Answer:

553. Paschal is more cunning than Jordan but less cunning than Douglas. Souglas is less cunning than Mark but more cunning than Peter. Peter is more cunning than Jordan. If the first two statements are true, the third is

- (a) false
- (b) true
- (c) uncertain
- (d)

Answer:

554. Rachel is busier than Brandon but less busy than Matthew. Matthew is less busy than Thomas but busier than Nicholas. Thomas busier than Brandon. If the first two statements are true, the third is

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

555. Margaret is kinder than Douglas. Douglas is nastier than Patrick. Patrick is nastier than Margaret. If the first two statements are true, the third is

- (a) true

(b) uncertain

(c) false

(d)

Answer:

556. Valerie is kinder than Carol. Patrica is much nastier than Carol. Patrica is kinder than Valerie. If the first two statements are true, the third is

(a) uncertain

(b) true

(c) false

(d)

Answer:

557. Palestrina's music is more beautiful than that of Tallis. Gregorian chant is more beautiful than Palestrina's music. Tallis' music is less beautiful than Gregorian chant. If the first two statements are true, the third is

(a) uncertain

(b) false

(c) true

(d)

Answer:

558. Guarantee is a promise or assurance that attests to the quality of a product that is either (1) given in writing by the manufacturer or (2) given verbally by the person selling the product. Which situation below is the best example of a Guarantee?

(a) Melissa purchases a DVD player with the highest consumer ratings in its category

(b) The salesperson advises Curt to be sure that he buys an air conditioner with a guarantee

(c) The local auto body shop specializes in refurbishing and selling used cars

(d) Lori buys a used digital camera from her coworker who says that she will refund Lori's money if the camera's performance is not of the highest quality

Answer:

559. The rules of baseball state that a batter Legally Completes His Time at Bat when he is put out or becomes a base runner. Which situation below is the best example of a batter Legally Completing His Time at Bat?

- (a) Jared's blooper over the head of the short-stop puts him in scoring position
- (b) The umpire calls a strike, even though the last pitch was way outside
- (c) The pitcher throws his famous knuckleball, Joe swings and misses, and the umpire calls a strike
- (d) The count is two balls and two strikes as Mario waits for the next pitch

Answer:

560. Tallis' music is more enjoyable than Byrd's. haydn's music is less enjoyable than Byrd's. Tallis' music is less enjoyable than Haydn's. If the first two statements are true, the third is

- (a) true
- (b) uncertain
- (c) false
- (d)

Answer:

561. Daniel is more passive than Albert. Isidore is more aggressive than Albert. Isidore is more aggressive than Daniel. If the first two statements are true, the third is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

562. Egbert is a stranger name than Dilbert. Dilbert is more normal of a nmae than Ethelbert. Ethelbert is a stranger name than Egbert. If the first two statements are true, the third is

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- (a) uncertain
- (b) false
- (c) true
- (d)

Answer:

563. Cholesterol is healthier than saturated fat. Saturated fat is healthier than cyanide but less healthy than unsaturated fat. Cholesterol is healthier than unsaturated fat. If the first two statements are true, the third is

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

564. Theobalds finished the race before Leonard and Ronald. Patrick finished the race after Theobald and before Leonard. Patrick finished the race before Ronald. If the first two statements are true, the third is

- (a) uncertain
- (b) false
- (c) true
- (d)

Answer:

565. Monophony is simpler than homophony and polyphony. Heterophony is more complex than monophony. Heterophony is more complex than polyphony. If the first two statements are true, the third is

- (a) uncertain
- (b) false

(c) true

(d)

Answer:

566. Erratic Behavior occurs when an individual acts in a manner that lacks consistency, regularity, and uniformity. Which situation below is the best example of Erratic Behavior?

(a) Julia cannot contain her anger whenever the subject of local politics is discussed

(b) Martin has just been told that he is being laid off. Before leaving his supervisor's office, he punches a hole in the door

(c) Rhonda has visited the dealership several times, but she still cannot decide which car to buy

(d) In the past month, Jeffrey, who has been a model employee for three years, has repeatedly called in sick, forgotten important meetings, and been verbally abusive to colleagues

Answer:

567. Sitting in a row in front of a camera, Mr. X is on the left of the person sitting in the centre but is on the right of Mr. Y. Mr. P is on the right of Mr. Z and Mr. R is on the right of Mr. P. Mr. R is the second person from the person sitting in the centre. Who is the person sitting in the centre?

(a) Mr. R

(b) Mr. Z

(c) Mr. X

(d) Mr. Y

Answer:

568. Five persons A, B, C, D and E are sitting in a row facing you such that D is on the left of C and B is on the right of E. A is on the right of C and B is on the left of D. If E occupies a corner position, then who is sitting in the centre?

(a) B

(b) A

(c) D

(d) C

Answer:

569. Regulations are more annoying than taxes and fines. Fines are less annoying than arbitrations. Regulations are more annoying than arbitrations. If the first two statements are true, the third is

- (a) uncertain
- (b) false
- (c) true
- (d)

Answer:

570. Legalism is simpler than virtuousness. Virtuousness is more complex than pragmatism. Pragmatism is simpler than legalism. If the first two statements are true, the third is

- (a) false
- (b) true
- (c) uncertain
- (d)

Answer:

571. Performing music is more soothing than painting and running. Running is more soothing than debating. Painting is more soothing than debating. If the first two statements are true, the third is

- (a) false
- (b) true
- (c) uncertain
- (d)

Answer:

572. Christopher is more loving than both Richard and Timothy. Richard is less loving than Lucy but more loving than Ronald, who is less loving than Timothy. Christopher is more loving than Ronald. If the first two statements are true, the third is

- (a) true

- (b) false
- (c) uncertain
- (d)

Answer:

573. Wheeler is a smaller town than Connellsville but larger than Chalkhill. Chalkhill is larger than both Frogbottom and Toadhole. Toadhole is smaller than Wheeler. If the first two statements are true, the third is

- (a) true
- (b) uncertain
- (c) false
- (d)

Answer:

574. Charles is a better writer than Steven but a worse writer than Laura. Laura is a worse writer than both Nellie and John. John is a better writer than Steven. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

575. Anupam said to a lady sitting in a car, "The only daughter of the brother of my wife is the sister-in-law of the brother of your sister." How is the husband of the lady related to Anupam?

- (a) Son-in-law
- (b) Maternal uncle
- (c) Uncle
- (d) Father

Answer:

576. A Tiebreaker is an additional contest or period of play designed to establish a winner among tied contestants. Which situation below is the best example of a Tiebreaker?

- (a) At halftime, the score is tied at 28
- (b) Mary and Megan have each scored three goals in the game
- (c) The referee tosses a coin to decide which team will have possession of the ball first
- (d) The Sharks and the Bears each finished with 14 points, and they are now battling it out in a five-minute overtime

Answer:

577. There are five different houses, A to E in a row. A is to the right of B and E is to the left of C and right of A. B is to the right of D. Which of the houses is in the middle?

- (a) E
- (b) D
- (c) A
- (d) B

Answer:

578. Rahul's mother is the only daughter of Monika's father. How is Monika's husband related to Rahul?

- (a) Father
- (b) Uncle
- (c) Brother
- (d) Grandfather

Answer:

579. A is B's sister. C is B's mother. D is C's father. E is D's mother. Then, how is A related to D?

- (a) Grandfather
- (b) Grand daughter

(c) Grandmother

(d) Daughter

Answer:

580. Issac is more successful than Mallory and Peter. Gregory is less successful than Peter and George. Issac is less successful than Gregory. If the first two statements are true, the third is

(a) true

(b) false

(c) uncertain

(d)

Answer:

581. Jane is saner than Maurice but crazier than Jacques. Yves is saner than Jacques, Reginald and Theodore. Maurice is crazier than Yves. If the first two statements are true, the third is

(a) true

(b) uncertain

(c) false

(d)

Answer:

582. Dante is more interesting than Durandus and Caprelous. Caprelous is less interesting than Avicenna and more interesting than Averroes. Averroes is less interesting than Dante. If the first two statements are true, the third is

(a) true

(b) false

(c) uncertain

(d)

Answer:

583. potato sacs are rougher than cotton, which is rougher than silk. Cotton is softer than denim and wood. Wood is rougher than silk. If the first two statements are true, the third is

- (a) true
- (b) false
- (c) uncertain
- (d)

Answer:

584. Sebastian reads more than Jerome, who reads less than Silvanus. Germanus, who reads less than Isidore, reads more than Silvanus. Isidore reads less than Jerome. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

585. Wendy is more interesting than Lilly, who is more interesting than Rachel. Rachel is less interesting than Tabitha but is more interesting than Lauren. Wendy is more interesting than Lauren. If the first two statements are true, the third is

- (a) uncertain
- (b) false
- (c) true
- (d)

Answer:

586. If D is the brother of B, how B is related to C? To answer this question which of the statements is/are necessary?

1. The son of D is the grandson of C
2. B is the sister of D.

- (a) 1 and 2 both are required

(b) Only 2

(c) Either 1 or 2

(d) Only 1

Answer:

587. A is the son of C; C and Q are sisters; Z is the mother of Q and P is the son of Z. Which of the following statements is true?

(a) P and A are cousins

(b) P is the maternal uncle of A

(c) Q is the maternal grandfather of A

(d) C and P are sisters

Answer:

588. In the Maple Hill school district, a Five-Day Suspension occurs when a student is not permitted to attend school for five days for (1) physically assaulting another student, a teacher, or a school employee or (2) willfully destructing or defacing school property. Which situation below is the best example of a Five-Day Suspension?

(a) Lillian gets caught cheating on a math test for the second time and is suspended from school

(b) Marc is asked to leave the classroom due to his constant disruptions

(c) Franny uses spray paint to write derogatory comments on the locker room wall and she is given a suspension

(d) Ms. Farmer tells her class that students who fail the midterm exam will be expected to stay after school for tutoring help

Answer:

589. It is appropriate to compensate someone if you have damaged his or her property in some way. This is called Restitution. Which situation below is the best example of Restitution?

(a) Jake borrows Leslie's camera and the lens shatters when it falls on the ground because he fails to zipper the case. When Jake returns the camera, he tells Leslie that he will pay for the repair

(b) Rebecca borrows her neighbor's car, and when she returns it, the gas tank is practically empty. She apologizes profusely and tells her neighbor she will be more considerate the next time

(c) Aaron asks Tom to check in on his apartment while he is out of town. When Tom arrives, he discovers that a pipe has burst and there is a considerable amount of water damage. He calls a plumber to repair the pipe

(d) isa suspects that the pothole in her company's parking lot caused her flat tire. She tells her boss that she thinks the company should pay for the repair

Answer:

590. Reentry occurs when a person leaves his or her social system for a period of time and then returns. Which situation below best describes Reentry ?

(a) When he is offered a better paying position, Jacob leaves the restaurant he manages to manage a new restaurant on the other side of town

(b) Catherine is spending her junior year of college studying abroad in France

(c) Malcolm is readjusting to civilian life after two years of overseas military service

(d) After several miserable months, Sharon decides that she can no longer share an apartment with her roommate Hilary

Answer:

591. In a pile of reading material, there are novels (n), story-book (s), dramas (d) and comics (c). Every novel has a drama next to it and there is no story-book next to a novel. If there be a novel at the top and the number of books be 40, the order of the books in the pile is

(a) ndsc

(b) dnsc

(c) nscd

(d) csdn

Answer:

592. Deepak is brother of Ravi. Rekha is sister of Atul. Ravi is son of Rekha. How is Deepak related to Rekha?

(a) Father

(b) Nephew

(c) Son

(d) Brother

Answer:

593. If (i) M is brother of N; (ii) B is brother of N; and (iii) M is brother of D, then which of the following statements is definitely true?

(a) N is brother of D

(b) N is brother of B

(c) D is brother of M

(d) M is brother of B

Answer:

594. Gregory is smarter than Peter, who is smarter than Laurence. Harold and Theodore are less intelligent than Laurence. Theodore is more intelligent than Gregory. If the first two statements are true, the third is

(a) true

(b) false

(c) uncertain

(d)

Answer:

595. Cats are sneakier than turtles, which are less sneaky than rats. Rats are sneakier than gerbils. Gerbils are less sneaky than cats. If the first two statements are true, the third is

(a) true

(b) uncertain

(c) false

(d)

Answer:

596. French is easier to learn than German but harder to learn than Esperanto. Latin is harder to learn than Esperanto. Latin is easier to learn than German. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

597. Andrew is taller than Abraham. Abraham is shorter than Charles. Charles is taller than Andrew. If the first two statements are true, the third is

- (a) false
- (b) uncertain
- (c) true
- (d)

Answer:

598. Robert runs more quickly than Nicole. Nicole runs more quickly than Fred. Fred runs more slowly than Robert. If the first two statements are true, the third is

- (a) false
- (b) true
- (c) uncertain
- (d)

Answer:

599. Cars are more difficult to drive than tricycles, which are more difficult to drive than scooters. Farm tractors are more difficult to drive than both cars and trucks. Scooters are easier to drive than farm tractors. If the first two statements are true, the third is

- (a) uncertain
- (b) true
- (c) false
- (d)

Answer:

600. Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?

- (a) Father
- (b) Uncle
- (c) Cousin
- (d) Brother

Answer:

601. Pointing to a photograph. Bajpai said, "He is the son of the only daughter of the father of my brother." How Bajpai is related to the man in the photograph?

- (a) Maternal Uncle
- (b) Father
- (c) Nephew
- (d) Brother

Answer:

602. Embellishing the Truth occurs when a person adds fictitious details or exaggerates facts or true stories. Which situation below is the best example of Embellishing the Truth?

- (a) Isabel goes to the theater, and the next day, she tells her coworkers she thought the play was excellent
- (b) The realtor describes the house, which is eleven blocks away from the ocean, as prime waterfront property
- (c) During the job interview, Fred, who has been teaching elementary school for ten years, describes himself as a very experienced teacher
- (d) The basketball coach says it is likely that only the most talented players will get a college scholarship

Answer:

603. In a shop, the items were arranged in a shelf consisting of six rows. Biscuits are arranged above the tins of chocolates but below the rows of packets of chips, cakes are at the bottom and the bottles of

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peppermints are below the chocolates. The topmost row had the display of jam bottles. Where exactly are the bottles of peppermints? Mention the place from the top

- (a) 5th
- (b) 2nd
- (c) 3rd
- (d) 4th

Answer:

604. Daya has a brother Anil. Daya is the son of Chandra. Bimal is Chandra's father. In terms of relationship, what is Anil of Bimal?

- (a) Grandfather
- (b) Brother
- (c) Son
- (d) Grandson

Answer:

605. A is father of C and D is son of B. E is brother of A. If C is sister of D, how is B related to E?

- (a) Sister-in-law
- (b) Daughter
- (c) Brothr-in-law
- (d) Husband

Answer:

606. Peter hated sweeping more than he hated cleaining the kitchen. Hans hated sweeping more than Peter did. Hans hasted sweeping more thanPeter hated cleaning the kitchen. If the first two statements are true, the third is

- (a) uncertain
- (b) false
- (c) true

(d)

Answer:

607. Bicycling is more relaxing than running but more stressful than walking. Walking is less relaxing than sleeping and watching television. Bicycling is more relaxing than watching television. If the first two statements are true, the third is

(a) true

(b) false

(c) uncertain

(d)

Answer:

608. The mother of Ranbir is the only daughter of Neetu's father. How Neetu is related to Ranbir?

(a) Sister

(b) Mother

(c) Aunt

(d) Cannot be determined

Answer:

609. Pointing to a boy Rekha said, "He is the son of my mother-in-law's only Child". How is the boy related to Rekha?

(a) Grand Son

(b) Brother

(c) Nephew

(d) Son

Answer:

610. Establishing a Power of Attorney occurs when a legal document is created that gives one individual the authority to act for another. Which situation below is the best example of Establishing a Power of Attorney?

- (a) Louise is selling her house and she hires a lawyer to review the contract
- (b) Simone's mother can no longer get to the bank to cash her checks and make deposits, so she has taken legal steps to enable Simone to do these things for her
- (c) Jack's father is elderly and Jack thinks he is no longer able to make decisions for himself
- (d) At her daughter's urging, Mrs. Lenox opens up a retirement account with the local bank

Answer:

Direction: Read the following information and answer the questions 611 to 612

A is the father of C. But C is not his son
E is the daughter of C. F is the spouse of A
B is the brother of C. D is the son of B
G is the spouse of B. H is the father of G

611. Who is the grandmother of D?

- (a) A
- (b) C
- (c) F
- (d) H

Answer:

612. Who is the son of F?

- (a) B
- (b) C
- (c) D
- (d) E

Answer: