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**TEST BOOKLET**
**GENERAL STUDIES**
**Paper-II**

**C**

**Time Allowed : Two Hours**                                                        **Maximum Marks : 200**

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INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION YOU SHOULD CHECK THAT THE TEST BOOKLET *DOES NOT* HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC, IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.

2. **Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series A, B, C or D carefully and without any omission or discrepancy at the appropriate place in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.**

3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside . *DO NOT* write *anything else* on the Test Booklet.

4. This Test Booklet contains **80** items (questions). Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose *ONLY ONE* response for each item.

5. You have to mark all your responses *ONLY* on the separate Answer Sheet provided.

6. *All* items carry equal marks.

7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.

8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the invigilator only the *Answer Sheet*. You are permitted to take away with you the Test Booklet.

9. Sheets for rough work are appended in the Test Booklet at the end.

10. **Penalty for wrong Answers :**

THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.

(i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to that question will be deducted as penalty.

(ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.

(iii) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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**DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO**

For two months, I have been trying to decide who makes the best ice cream. I have narrowed it down to my four favorite manufacturers: Randolph Farms, Goodies, Disco, and Twinkle. Let's start with Randolph Farms. Randolph Farms makes very good ice cream. They have lots of different flavors, but this doesn't really matter to me. That's because I always get coffee flavor. They make the best coffee ice cream in the world. I've never had hot coffee (the drink) but people tell me that Randolph Farms coffee ice cream tastes just like the real thing. Also, Randolph Farms uses all natural ingredients to make their ice cream. This is a good idea, I think.

Second, we have Goodies. Goodies makes excellent ice cream. Like Randolph Farms, Goodies uses all natural ingredients. They only make three different flavors—strawberry, vanilla, and chocolate— but they make them very well. The strawberry is amazing. Every bite of it reminds me of the strawberries that I used to pick behind my old house. The vanilla is wonderful. It is very smooth and has a refreshing, creamy taste. The chocolate is outstanding. It is made with real cocoa beans from Bolivia. I didn't know where Bolivia is so I decided to look for it on a map. After hunting awhile, I discovered that it is in South America! That's a long way to go to get cocoa, so it must be good. I would say that the only drawback to Goodies ice cream is that they only make three different flavors.

Third, we have Disco. Disco ice cream is okay. They don't have many good flavors. Actually, the only Disco flavor I like is Bubblegum. It is vanilla ice cream with little chunks of bubblegum in it. After you eat the ice cream, you can blow bubbles with the gum. That's pretty fun.

Finally, there is Twinkle. Twinkle ice cream is mediocre. The only good thing about Twinkle is that it is relatively inexpensive. You can buy a whole carton of twinkle ice cream for $4.50. That's only two weeks' allowance for me.

1. Which of the following would be the best title for this passage?

(a) Strawberry, Vanilla, Chocolate, and Bubblegum Too!

(b) The Four Top Ice Cream Manufacturers

(c) The Finest Ice Cream in the World

(d) Picking the Best Ice Cream Manufacturer

2. If the author wanted to get a scoop of coffee ice cream, where would he or she probably go?

(a) Randolph Farms

(b) Goodies

(c) Disco

(d) Twinkle

3. In paragraph 1, the author uses a colon. A colon (:) looks like two dots, one on top of the other. Colons are used to separate different parts of a sentence. The part before the colon introduces an idea and can stand alone as a sentence. The part after the colon gives more detailed information about this idea, often as a list. If the colon could talk, it would say, "And here they are!"

Using this information, it can be understood that which of the following sentences contains the correct use of a colon?

(a) My friends are: sweet, young, and generous

(b) I like: to talk on the phone at night

(c) I have three pets: Toto, Spot, and Rover

(d) I want a new bicycle: or new roller skates

4. According to the passage, the author likes Randolph Farms ice cream because it

I. is all natural
II. is made in Bolivia
III. comes in many flavors

(a) I only

(b) I and II only

(c) II and III only

(d) I, II, and III

5. In paragraph 3 the author writes, "That's a long way to go to get cocoa, so it must be good." Using this information, we can understand that the author believes that

(a) Goodies loses money on sales of chocolate ice cream

(b) Bolivia makes the best cocoa in the world

(c) things that are hard to get must be high quality

(d) cocoa from the United States is not very good

6. According to the passage, the author likes Disco ice cream because it

(a) is relatively inexpensive

(b) has bubblegum in it

(c) is made in Bolivia

(d) is okay

7. According to the passage, how is Randolph Farms ice cream different than Goodies?

I. Randolph Farms has many different flavors and Goodies does not
II. Randolph Farms uses all natural ingredients and Goodies does not
III. Randolph Farms is very expensive and Goodies is not

(a) I only

(b) I and II only

(c) II and III only

(d) I, II, and III

8. An adjective is a word that is used to describe a thing. For example, in the sentence, "The car is fast," the word "fast" is an adjective. Using this information, which of the following are adjectives used in paragraph 3?

I. flavors
II. excellent
III. old

(a) I only

(b) I and II only

(c) II and III only

(d) I, II, and III

9. According to the author, what is the only drawback to Goodies ice cream?

(a) cheap ingredients

(b) expensive price

(c) mediocre quality

(d) a lack of flavors

10. How much money does the author receive in his or her weekly allowance?

(a) $2.25

(b) $4.50

(c) $9.00

(d) Not enough information is provided

11. Given the information included in the passage, which of the following statements would the author most likely agree with?

(a) Each manufacturer has its strengths and weaknesses

(b) The best manufacturers are the ones with the most flavors

(c) Goodies is certainly not the best manufacturer, as they only have three flavors

(d) Each manufacturer is good for different reasons

12. If the author did decide that one manufacturer is best, which one would he or she probably choose?

(a) Randolph Farms

(b) Goodies

(c) Disco

(d) Twinkle

13. How many weeks would it take for the author to save enough money to buy two cartons of Twinkle ice cream?

(a) 1 week

(b) 2 weeks

(c) 3 weeks

(d) 4 weeks

Official records state that the Pueblo Indians lived in New Mexico and Arizona. The word "Pueblo" comes from the Spanish word "pueblo," meaning town or village. The Spaniards found these Indians living in apartment houses, some of them on the side of a cliff in order that they could be reached only by ladders. Whenever they were attacked by Apaches, the Pueblos would pull up the ladders. They grew corn, which they watered with water flowing down in ditches. They wove cloth, made wonderful baskets, and created jars and pots out of clay proving how skilful they were at hand-craft.

14. From the passage we understand that the Pueblo Indians were afraid of

(a) cliff dwelling

(b) Apache Indians

(c) apartment houses

(d) water flowing down in ditches

15. Why the Spaniards called these Indians "Pueblos" is because they

(a) were close to the Apaches

(b) lived together in a town or village

(c) farmed and brought down water in ditches

(d) pulled up their ladders when attacked

16. The Pueblo Indians lived on the side of a cliff

(a) although they had apartment houses

(b) to observe the stars in the sky for rain season

(c) so that they could provide themselves with shelters

(d) and, they didn't have a lake, a stream, or a pond

It was a man who lived before the time of Christopher Columbus that was the world's first great traveler. His name was Marco Polo. With his father and his uncle, he traveled from Italy to China, crossing mountains and deserts to get there. In China a king called Kublai Khan was pleased to see the Polos and had them live near to him. They stayed for twenty-three years. Kublai Khan sent Marco to other countries to do business for him. When Marco finally returned to Italy, he wrote all about his adventures in a book, which

was read by Columbus and many other people, who also became interested in traveling to strange countries.

17. This story is mainly about

(a) the world's first great traveler

(b) traveling from Italy to China

(c) why Polo went to the far east

(d) Marco Polo and Kublai Khan

18. The reason that Marco Polo is called great is not that

(a) he traveled very far to reach China for a new world

(b) he wrote about his adventures in a book, which many people read

(c) he was so well liked by the king of China

(d) he achieved fame thanks to his good reasoning

19. We know from the story that after he turned back

(a) Marco brought out a book inspiring new voyages

(b) Marco stayed in Italy for twenty-three years

(c) Kublai Khan knew that Marco had crossed mountains and deserts

(d) Kublai Khan sent Columbus to other countries for business

Like many people acting on the desire to eat healthy and local, Acropolis resident Eduardo Jimenez decided to plant a garden in his backyard. He tilled the soil, he planted the seeds, and he even erected a fence to keep out the deer. Eduardo did everything right. Or so it seems. Harvest time has come, and he has not one tomato, bean, or leaf of lettuce to show for his hard work. How did this happen? The answer comes in the form of a small, brown, particularly smelly insect: the stink bug.
Unlike their fastidious cousins, stink bugs feed on some 300 species of plants, including figs, mulberries, corn, and citrus fruits as well as soybeans, legumes, and weeds. Although they do little damage to the plant itself, they make the fruits and vegetables unmarketable.

For this reason, stink bugs pose the most serious threat to the big agriculturalists and macro farm operators. Macro farmers have more invested in their produce, and therefore have more to lose. While hobbyists like Eduardo are left to face the disappointment of an unsuccessful garden, macro farmers are forced to live with the loss of entire tracts of cash crops—a fact that has left many barely able to clothe their children or put food on the table. Last season alone, several New Jersey pepper farmers saw 75% of their crops damaged. Pennsylvania lost half of its peach population, and, according to the US Apple Association, apple farmers in the mid-Atlantic states lost $37 million. This year could be worse.

As a result of this decline in the supply of fresh fruits and vegetables, shoppers have seen adjustments—sometimes quite dramatic—in prices at the grocery store. Prices of apples in Maryland are up 8%. In the north-Atlantic states, prices for peppers shot up an astounding 14%. Not only are these items becoming more expensive, but they are also getting harder to find. Last week, Marge Jenkins of Athens, Georgia reported having to check three different stores before stumbling upon a decent batch of peas. And this, she assures us, is a regular occurrence.

Accidentally brought from Asia, the stink bug has no natural predators in America, and thus its population is soaring. Reported sightings of stink bugs are becoming increasingly numerous, as the desiccated, brown, trapezoidal shells of the dead bugs are ubiquitous in some areas. This has farmers and scientists alike scratching their heads in search of a remedy. Hope, they believe, may lie with an Asian parasitic wasp, which helpfully lays its eggs inside stink bug eggs. The larvae of the wasp devour the stink bug from the inside. Implementation of such a solution is still several years away, as scientists must first determine if it is safe for the wasp to be introduced into America. Until then, some farmers are resorting to homemade traps. Others have even contemplated the use of peacocks and praying mantises, which, they hypothesize, will gulp down the little stinkers.

20. Based on its use in paragraph 2, it can be inferred that fastidious belongs to which of the following word families?

(a) forward, assertive, proactive

(b) demanding, particular, critical

(c) delicate, insubstantial, frail

(d) passionate, fervent, avid

21. In paragraph 2, the author most likely refers to people like Eduardo as "hobbyists" in order to

(a) illustrate the type of person who plants a home garden

(b) characterize the type of person who is most likely to be affected by stink bugs

(c) emphasize the idea that gardeners are relatively unskilled compared to farmers

(d) juxtapose the impact of stink bugs on gardeners with that on farmers

22. According to the author, what is the biggest problem resulting from stink bugs?

(a) Hobbyists like Eduardo Jimenez are unable to eat healthy and local

(b) Fresh fruits and vegetables are becoming harder to find

(c) Peppers and apples are becoming increasingly scarce

(d) Macro farmers are losing their crops

23. Based on the information in paragraph 3, it can be inferred that an increase in supply results in

(a) a decrease in price

(b) an increase in demand

(c) low availability

(d) reduced importance

24. Which of the following statements would the author most likely agree with?

(a) The fight against stink bugs is hopeless.

(b) There is a possible remedy to the stink bug problem, but it is unlikely to succeed

(c) In hopes of eradicating stink bugs, several solutions are in the works

(d) While the stink bug problem is difficult, most believe it to be short-lived

25. Using the passage as a guide, it can be understood that

I. Macro farmers commonly use pesticides, artificial hormones, and other synthetic materials
II. Until a solution to the stink bug problem is found, it is probably not a good time to start a home garden in Washington DC
III. Introducing foreign insects to closed environments can cause hazardous imbalances

(a) I only

(b) II only

(c) I and II only

(d) II and III only

26. As used in the final paragraph, which of the following describes something that is ubiquitous?

(a) On Valentine's Day, our school was littered with little pink love notes. I even found one stuck to my shoe when I got home

(b) Ignacio counted eight purple trucks on the way to work today. He is in the market for a new truck and would like to get a color that nobody else already has

(c) The copier malfunctioned and showered paper all over the room. It took Earnest twenty minutes to clean it up

(d) Upon taking the hot dogs from the fire, flies swarmed the campers. Jaime wished he had brought bug spray

Friskies is an animal rescue centre based in the East End of London. It operates on a donation basis, gaining financial support from the local community. However, due to the current economic climate, Friskies has noticed a reduction in the amount of funds it receives. For this reason, they have decided to host a fund-raising event, inviting local families to visit the centre.
ON this fund-raising day, there will be food for sale, games and events such as face painting and races. Each event has 2 pounds entry fee. in this way, the centre hopes to make enough money to remain open and to raise awareness of the type of work they do within the local community.

27. Which one of the following statements is most correct?

(a) Friskies, an animal rescue centre, operates through out the UK

(b) Friskies open day aims to raise awareness of animal cruelty

(c) Friskies will be selling food, such as cakes, on the open day

(d) Friskies are charging a fee to take part in their charity events

Advertisements in the United Kingdom must conform to the standards set by the Advertisement Standards Agency (ASA). This agency ensures that products are not falsely promoted and attaches a financial penalty for false statements. An example of this is 'Post-Production Enhancement ' (PPE).
PPE is a process by which images are digitally corrected after they have been captured. PPE is commonly used in skin-care adverts; providing a smoother, younger or healthies appearance than the product actually delivers. many companies find loop holes in the ASA regulations regarding PPE by stating such a process has been used in small print at the bottom of the image. Such promotions escape the regulations set down by the Advertisement Standards Agency but can still be misleading

28. Which of the following statements correctly completes the following sentence? The Advertisement Standards Agency (ASA)....

(a) Provides financial penalties to companies breaching advertisement regulations

(b) Supports the use of PPE to promote skin care products

(c) Supports the use of digitally altered images to promote products

(d) Wants to achieve younger, healthier looking skin for people in the UK

Kung-Fu is a popular form of martial arts, first developed in China by Shao Lin monks. Kung-Fu aims to strengthen the body and improve co-ordination. Originally developed to promote the concentration of monks whilst meditating, Kung-Fu exercises the mind as well as the body. In this way, it can be seen as a spiritual activity, as well as physical training.
Today there are several types of Kung-Fu; including Wing Chun, the only form believed to have been created by a woman. Also known as Wushu, Kung-Fu embodies the idea of 'Qi' or 'chi'. This is described as the inner life force, which is said to provide focus during Kung-Fu.

29. Which of the following answers is not definitely true?

(a) Another word for Kung-Fu is Wushu

(b) Kung-Fu was made popular in the Western world by Hollywood

(c) Wing Chun may be the only type of Kung-Fu created by a woman

(d) Kung-Fu exercises the mind as well as providing physical training

Beijing is the capital city of China. Formerly known as Peking. Beijing is one of the most populated cities in the world. With an estimated population of 19,612,368 people. Beijing's Capital International Airport is the second busiest in the world. In addition the city is home to forty one of the Fortune Global 500 companies and over 100 of the largest companies in China, generatin an averaging of 128.6 billion dollars a year. As one of the fastest developing super powers in the world, it is increasingly important for businesses to understand the cultural background existing in the Chinese business world. This allows for companies to propmte their working relationship and increase profitability.

30. Which one of the following statements is true?

(a) Beijing is home to the second largest airport in the world

Beijing is home to an estimated 128.6 million people (b)

(c) Beijing is one of the most populated cities in the world

(d) Beijing is the most populated city in the world

31. Three of the following four are alike in a certain way and so form a group. Which is the one that does not belong to that group ?

(a) Sun

(b) Universe

(c) Moon

(d) Star

32. 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)

33. 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)

34. 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)

35. Ibn Sina is more important than Ibn Rushd. Ibn Rushed 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)

36. 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)

37.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)

38. If 40% of a number is equal to two-third of another number, what is the ratio of first number to the second number?

(a) 2 : 5

(b) 3 : 7

(c) 5 : 3

(d) 7 : 3

39. Two number are in the ratio 3 : 5. If 9 is subtracted from each, the new numbers are in the ratio 12 : 23. The smaller number is

(a) 27

(b) 33

(c) 49

(d) 55

40. What least number must be added to 1056, so that the sum is completely divisible by 23 ?

(a) 2

(b) 3

(c) 18

(d) 21

41. The sum of first five prime numbers is

(a) 11

(b) 18

(c) 26

(d) 28

42. The difference of two numbers is 1365. On dividing the larger number by the smaller, we get 6 as quotient and the 15 as remainder. What is the smaller number ?

(a) 240

(b) 270

(c) 295

(d) 360

43. The smallest 3 digit prime number is

(a) 103

(b) 107

(c) 113

(d) None of these

44. Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random. What is the probability that the ticket drawn has a number which is a multiple of 3 or 5?

(a) 1/2

(b) 2/5

(c) 8/15

(d) 9/20

45. A bag contains 2 red, 3 green and 2 blue balls. Two balls are drawn at random. What is the probability that none of the balls drawn is blue?

(a) 10/21

(b) 11/21

(c) 2/7

(d) 5/7

46. A man can row at 5 kmph in still water. If the velocity of current is 1 kmph and it takes him 1 hour to row to a place and come back, how far is the place?

(a) 2.4 km

(b) 2.5 km

(c) 3 km

(d) 3.6 km

47. A flagstaff 17.5 m high casts a shadow of length 40.25 m. The height of the building, which casts a shadow of length 28.75 m under similar conditions will be

(a) 10 m

(b) 12.5 m

(c) 17.5 m

(d) 21.25 m

48. In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was

(a) 2700

(b) 2900

(c) 3000

(d) 3100

49. hree candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?

(a) 57%

(b) 60%

(c) 65%

(d) 90%

50. The average age of husband, wife and their child 3 years ago was 27 years and that of wife and the child 5 years ago was 20 years. The present age of the husband is

(a) 35 years

(b) 40 years

(c) 50 years

(d) None of these

51. A car owner buys petrol at Euro 7.50, Euro 8 and Euro 8.50 per litre for three successive years. What approximately is the average cost per litre of petrol if he spends Euro 4000 each year?

(a) Euro 7.98

(b) Euro 8

(c) Euro 8.50

(d) Euro 9

52. Look carefully for the pattern, and then choose which pair of numbers comes next

1 10 7 20 13 30 19

(a) 26 40

(b) 29 36

(c) 40 25

(d) 25 31

53. Look carefully for the pattern, and then choose which pair of numbers comes next

10 20 25 35 40 50 55

(a) 70 65

(b) 60 70

(c) 60 75

(d) 65 70

54. A certain amount earns simple interest of 1750 after 7 years. Had the interest been 2% more, how much more interest would it have earned?

(a) 35

(b) 245

(c) 350

(d) Cannot be determined

55. Statements: Nation X faced growing international opposition for its decision to explode eight nuclear weapons at its test site

Conclusions:

1. The citizens of the nation favoured the decision
2. Some powerful countries do not want other nations to become as powerful as they are

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Either I or II follows

(d) Neither I nor II follows

56. Statement: Should there be an upper age limit of 65 years for contesting Parliamentary/ Legislative Assembly elections?

Arguments:

1. Yes. Generally, people above the age of 65 lose their dynamism and will power
2. No. The life span is so increased that people remain physically and mentally active even up to the age of 80

(a) Only argument I is strong

(b) Only argument II is strong

(c) Either I or II is strong

(d) Neither I or II is strong

57. Statement: Should new big industries be started in Mumbai?

Arguments:

1. Yes. It will create job opportunities
2. No. It will further add to the pollution of the city

(a) Only argument I is strong

(b) Only argument II is strong

(c) Either I or II is strong

(d) Neither I nor II is strong

58. Look carefully at the sequence of symbols to find the pattern. Select correct pattern

BB88 | 8BBB | B888 | 88 ?

8B   88   BB   B8
(1)   (2)   (3)   (4)
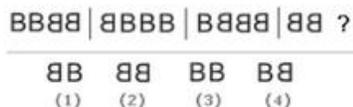
(a) 1

(b) 2

(c) 3

(d) 4

59.

Which one will replace the question mark ?
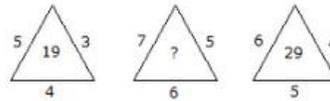


(a) 25

(b) 37

(c) 41

(d) 47

The following table gives the percentage distribution of population of five states, P, Q, R, S and T on the basis of poverty line and also on the basis of sex

| State | Percentage of Population below the Poverty Line | Proportion of Males and Females | |
|---|---|---|---|
| | | Below Poverty Line M:F | Above Poverty Line M:F |
| P | 35 | 5:6 | 6:7 |
| Q | 25 | 3:5 | 4:5 |
| R | 24 | 1:2 | 2:3 |
| S | 19 | 3:2 | 4:3 |
| T | 15 | 5:3 | 3:2 |

60. If the male population above poverty line for State R is 1.9 million, then the total population of State R is?

(a) 4.5 million

(b) 4.85 million

(c) 5.35 million

(d) 6.25 million

61. What will be the number of females above the poverty line in the State S if it is known that the population of State S is 7 million?

(a) 3 million

(b) 2.43 million

(c) 1.33 million

(d) 5.7 million

62. What will be the male population above poverty line for State P if the female population below poverty line for State P is 2.1 million?

(a) 2.1 million

(b) 2.3 million

(c) 2.7 million

(d) 3.3 million

63. If the population of males below poverty line for State Q is 2.4 million and that for State T is 6 million, then the total populations of States Q and T are in the ratio?

(a) 1:3

(b) 2:5

(c) 3:7

(d) 4:9

A soft drink company prepares drinks of three different flavours - X, Y and Z. The production of three flavours over a period of six years has been expressed in the bar graph provided below. (1 lakhs=100 000)

Production of Three Different Flavours X, Y and Z by a Company over the years (in lakh bottles)



■X ■Y ■Z
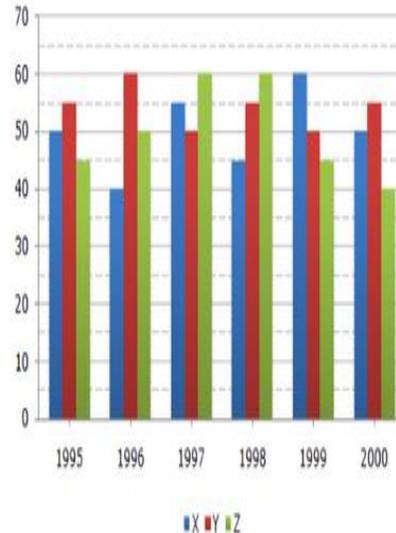
64. The total production of flovour Z in 1997 and 1998 is what percentage of the total production of flavour X in 1995 and 1996?

(a) 96.67%

(b) 102.25%

(c) 115.57%

(d) 133.33%

65. For which flavour was the average annual production maximum in the given period? (1 lakhs=100 000)

(a) X only

(b) Y only

(c) Z only

(d) X and Y

66. What is the difference between the average production of flavour X in 1995, 1996 and 1997 and the average production of flavour Y in 1998, 1999 and 2000? (1 lakhs=100 000)

(a) 50,000 bottles

(b) 80,000 bottles

(c) 2,40,000 bottles

(d) 5,00,000 bottles

67. What was the approximate decline in the production of flavour Z in 2000 as compared to the production in 1998?

(a) 50%

(b) 42%

(c) 33%

(d) 25%

68. For which of the following years the percentage of rise/fall in production from the previous year is the maximum for the flavour Y?

(a) 1996

(b) 1997

(c) 1998

(d) 1999

Study the following pie-chart and the table and answer the questions based on them.

Proportion of Population of Seven Villages in 1997
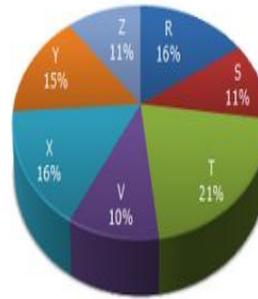


| Village | % Population Below Poverty Line |
|---------|--------------------------------|
| X | 38 |
| Y | 52 |
| Z | 42 |
| R | 51 |
| S | 49 |
| T | 46 |
| V | 58 |

69. If the population of village R in 1997 is 32000, then what will be the population of village Y below poverty line in that year?

(a) 14100

(b) 15600

(c) 16500

(d) 17000

70. The ratio of population of village T below poverty line to that of village Z below poverty line in 1997 is

(a) 11 : 23

(b) 13 : 11

(c) 23 : 11

(d) 11 : 13

71. Find the population of village S if the population of village X below poverty line in 1997 is 12160

(a) 18500

(b) 20500

(c) 22000

(d) 26000

72. If in 1998, the population of villages Y and V increase by 10% each and the percentage of population below poverty line remains unchanged for all the villages, then find the population of village V below poverty line in 1998, given that the population of village in 1997 was 30000

(a) 11250

(b) 12760

(c) 13140

(d) 13780

The following line graph gives the percent profit earned by two Companies X and Y during the period 1996 - 2001.

Percentage profit earned by Two Companies X and Y over the Given Years

$$\%Profit = \frac{Income - Expenditure}{Expenditure} \times 100$$
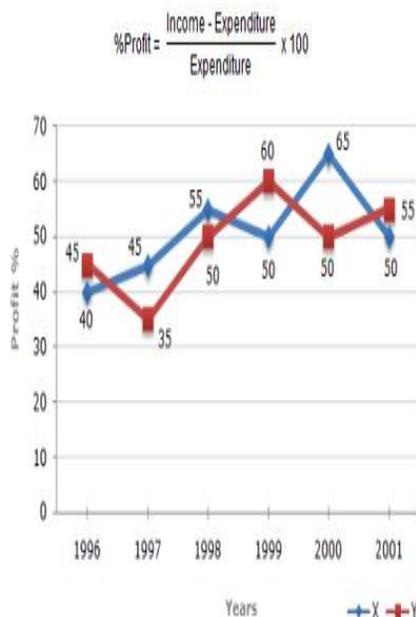


73. The incomes of two Companies X and Y in 2000 were in the ratio of 3:4 respectively. What was the respective ratio of their expenditures in 2000 ?

(a) 7:22

(b) 14:19

(c) 15:22

(d) 27:35

74. If the expenditure of Company Y in 1997 was 220 what was its income in 1997 ?

(a) 312

(b) 297

(c) 283

(d) 275

75. If the incomes of two Comapanies were equal in 1999, then what was the ratio of expenditure of Company X to that of Company Y in 1999 ?

(a) 6:5

(b) 5:6

(c) 11:6

(d) 16:15

76. The neighborhood block association has received many complaints about people knocking on doors and soliciting money for an unknown charity organization even though door-to-door solicitation is prohibited by local laws. Three residents have provided descriptions of individuals who have come to their door asking for money

Solicitor #1 is a white male, 20-25 years old, 5'9", 145 pounds, with very short brown hair. He was wearing a dark blue suit and carrying a brown leather briefcase
Solicitor #2 is a white male, 25-30 years old, 6'2", 200 pounds, with a shaved-head. He was wearing a red T-shirt and jeans
Solicitor #3 is a white male, approximately 23 years old, 5'10", slight build, with short brown hair. He was wearing a blue suit
Three days after the block association meet- ing, a resident noticed a man knocking on doors in the neighborhood and phoned the police to report the

illegal activity. This solic- itor was described as follows:
Solicitor #4 is a white male, 22 years old, 140 pounds, about 5'10", with short brown hair. He was carrying a briefcase and wearing a dark suit

Based on this description, which of the three solicitations was also likely carried out by Solicitor #4?

(a) #1, #2, and #3

(b) #1, but not #2 and #3

(c) #1 and #3, but not #2

(d) #1 and #2, but not #3

77. SCD, TEF, UGH, _____, WKL

(a) CMN

(b) UJI

(c) VIJ

(d) IJT

Read the below passage carefully and answer the questions

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

78. Who is the secretary?

(a) Enid

(b) David

(c) Cheryl

(d) Alice

79. Who is the CEO ?

(a) Alice

(b) Bert

(c) Cheryl

(d) David

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

(a) green

(b) yellow

(c) blue

(d) purple
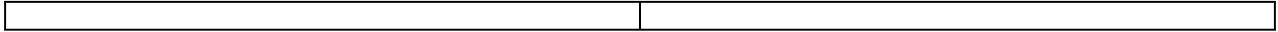
**Answer Sheet**

| | A | B | C | D | | | A | B | C | D | | | A | B | C | D | | | A | B | C | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ○ | ○ | ○ | ○ | | 21 | ○ | ○ | ○ | ○ | | 41 | ○ | ○ | ○ | ○ | | 61 | ○ | ○ | ○ | ○ |
| 2 | ○ | ○ | ○ | ○ | | 22 | ○ | ○ | ○ | ○ | | 42 | ○ | ○ | ○ | ○ | | 62 | ○ | ○ | ○ | ○ |
| 3 | ○ | ○ | ○ | ○ | | 23 | ○ | ○ | ○ | ○ | | 43 | ○ | ○ | ○ | ○ | | 63 | ○ | ○ | ○ | ○ |
| 4 | ○ | ○ | ○ | ○ | | 24 | ○ | ○ | ○ | ○ | | 44 | ○ | ○ | ○ | ○ | | 64 | ○ | ○ | ○ | ○ |
| 5 | ○ | ○ | ○ | ○ | | 25 | ○ | ○ | ○ | ○ | | 45 | ○ | ○ | ○ | ○ | | 65 | ○ | ○ | ○ | ○ |
| 6 | ○ | ○ | ○ | ○ | | 26 | ○ | ○ | ○ | ○ | | 46 | ○ | ○ | ○ | ○ | | 66 | ○ | ○ | ○ | ○ |
| 7 | ○ | ○ | ○ | ○ | | 27 | ○ | ○ | ○ | ○ | | 47 | ○ | ○ | ○ | ○ | | 67 | ○ | ○ | ○ | ○ |
| 8 | ○ | ○ | ○ | ○ | | 28 | ○ | ○ | ○ | ○ | | 48 | ○ | ○ | ○ | ○ | | 68 | ○ | ○ | ○ | ○ |
| 9 | ○ | ○ | ○ | ○ | | 29 | ○ | ○ | ○ | ○ | | 49 | ○ | ○ | ○ | ○ | | 69 | ○ | ○ | ○ | ○ |
| 10 | ○ | ○ | ○ | ○ | | 30 | ○ | ○ | ○ | ○ | | 50 | ○ | ○ | ○ | ○ | | 70 | ○ | ○ | ○ | ○ |
| 11 | ○ | ○ | ○ | ○ | | 31 | ○ | ○ | ○ | ○ | | 51 | ○ | ○ | ○ | ○ | | 71 | ○ | ○ | ○ | ○ |
| 12 | ○ | ○ | ○ | ○ | | 32 | ○ | ○ | ○ | ○ | | 52 | ○ | ○ | ○ | ○ | | 72 | ○ | ○ | ○ | ○ |
| 13 | ○ | ○ | ○ | ○ | | 33 | ○ | ○ | ○ | ○ | | 53 | ○ | ○ | ○ | ○ | | 73 | ○ | ○ | ○ | ○ |
| 14 | ○ | ○ | ○ | ○ | | 34 | ○ | ○ | ○ | ○ | | 54 | ○ | ○ | ○ | ○ | | 74 | ○ | ○ | ○ | ○ |
| 15 | ○ | ○ | ○ | ○ | | 35 | ○ | ○ | ○ | ○ | | 55 | ○ | ○ | ○ | ○ | | 75 | ○ | ○ | ○ | ○ |
| 16 | ○ | ○ | ○ | ○ | | 36 | ○ | ○ | ○ | ○ | | 56 | ○ | ○ | ○ | ○ | | 76 | ○ | ○ | ○ | ○ |
| 17 | ○ | ○ | ○ | ○ | | 37 | ○ | ○ | ○ | ○ | | 57 | ○ | ○ | ○ | ○ | | 77 | ○ | ○ | ○ | ○ |
| 18 | ○ | ○ | ○ | ○ | | 38 | ○ | ○ | ○ | ○ | | 58 | ○ | ○ | ○ | ○ | | 78 | ○ | ○ | ○ | ○ |
| 19 | ○ | ○ | ○ | ○ | | 39 | ○ | ○ | ○ | ○ | | 59 | ○ | ○ | ○ | ○ | | 79 | ○ | ○ | ○ | ○ |
| 20 | ○ | ○ | ○ | ○ | | 40 | ○ | ○ | ○ | ○ | | 60 | ○ | ○ | ○ | ○ | | 80 | ○ | ○ | ○ | ○ |