

Model Test Paper 41
General Study Paper II

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

TEST BOOKLET
GENERAL STUDIES
Paper-II

A

Time Allowed : Two Hours

Maximum Marks : 200

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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<p>In the 1920s, new technology allowed filmmakers to attach to each film a soundtrack of speech, music and sound effects synchronized with the action on the screen. These sound films were initially distinguished by calling them talking pictures, or talkies. The next major step in the development of cinema was the introduction of color. While the addition of sound to film revolutionized the medium, quickly driving out silent movies, color was adopted more gradually. The public was relatively indifferent to color photography as opposed to black-and-white. But as color processes improved and became as affordable as black-and-white film, more and more movies were filmed in color after the end of World War II, as the industry in America came to view color an essential to attracting audiences in its competition with television, which remained a black-and-white medium until the mid-60s. By the end of the 1960s, color had become the norm for filmmakers.</p> <p>1. We can understand from the passage that the introduction of sound films</p> <p>(a) occurred at the time of the introduction of color films</p> <p>(b) was not easy because it was not affordable</p> <p>(c) made color movies a possibility on a commercial basis</p> <p>(d) was an important milestone in the film industry</p> <p>2. It is stated in the reading that</p> <p>(a) 1920s marked the end to the era of sound films</p> <p>(b) the transition to color films was not as rapid as the transition to sound films</p> <p>(c) color movies did not appear until the mid- 60s</p> <p>(d) television didn't become popular until the mid-60s</p> <p>3. One can understand from the passage that</p> <p>(a) black-and-white films are still a wonderful source of entertainment</p> <p>(b) the film industry fell into a serious crisis after the end of World War II</p> <p>(c) the arrival of sound films ended the popularity of silent movies</p> <p>(d) the introduction of color to movies didn't help movie industry in its competition with television</p>	<p>People seldom feel neutral about poetry. Those who love it sometimes give the impression that it is an adequate substitute for food, shelter, and love. But it isn't. Those who dislike poetry on principle sometimes claim, on the other hand, that poetry is only words and good for nothing. That's not true either. When words represent and recreate genuine human feelings, as they often do in poetry, they can be very important. Poems provide, in fact, a language for feeling, and one of poetry's most insistent merits involves its attempt to express the inexpressible. One of the joys of experiencing poetry occurs when we read a poem and want to say, "yes, that is just what it is like; I know exactly what that line means but I have never been able to express it so well." Poetry can be the voice of our feelings even when our minds are speechless with grief or joy.</p> <p>4. One can understand from the passage that people</p> <p>(a) seldom feel that poetry is an equivalent for life itself</p> <p>(b) rarely take a biased opinion about poetry</p> <p>(c) generally think that poetry expresses what might otherwise seem unutterable</p> <p>(d) generally think of poetry as extremely important or totally useless</p> <p>5. One point made by the author in the passage is that poetry</p> <p>(a) tends to make the reader disappointed</p> <p>(b) is an adequate substitute for food, shelter, and love</p> <p>(c) is only words and good for nothing</p> <p>(d) often captures real human feelings</p> <p>6. The author points out in the reading that</p> <p>(a) poetry is not closely concerned with feelings</p> <p>(b) poems are primarily about how people think rather than how people feel</p> <p>(c) poetry can't be the expression of one's deepest feelings</p> <p>(d) few people think that poetry is neutral</p>
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<p>People have wondered for a long time how their personalities and behaviors are formed. Two distinct schools of thought on the matter have developed. The two approaches are very different from one another, The controversy is often referred to as nature and nurture, Those who support the nature side of the conflict believe that our personalities and behavior patterns are largely determined by biological and genetic factors. That our environment has little to do with our abilities, characteristics, and behavior is central to this theory. Proponents of the nurture theory claim that our environment is more important than our biologically based instinct in determining how we will act. They see humans as beings whose behavior is almost completely shaped by their surroundings. Neither of these theories can yet fully explain human behavior. In fact, it is quite likely that the key to our behavior lies somewhere between these two extremes. That the controversy will continue for a long time is certain.</p> <p>7. One can understand from the passage that supporters of the nature theory believe that</p> <p>(a) environment is important in determining a person's behavior and personality</p> <p>(b) a person's instincts have little effect on his actions</p> <p>(c) it is impossible to explain why we possess certain characteristics and exhibit certain behaviors</p> <p>(d) biological reasons have a strong influence on how we act</p> <p>8. One point made by the writer in the passage is that</p> <p>(a) heredity is more important than the environment in the development of human beings</p> <p>(b) the correct explanation of human behavior will probably take ideas from both theories</p> <p>(c) environment is the most important factor in determining personality</p> <p>(d) the behaviorists' view correctly explains how we act</p> <p>9. It is stated in the passage that, according to the nurture theory,</p> <p>(a) a trait is always shaped by both genetic dispositions and the environments in which people develop</p>	<p>(b) it is possible to measure the heritability of a trait within a population</p> <p>(c) we are almost completely governed by our instincts</p> <p>(d) a person's character is greatly influenced by his environment</p> <p>Scratchy throats, stuffy noses and body aches all spell misery, but being able to tell if the cause is a cold or flu may make a difference in how long the flu lasts. That's because the prescription drugs available for the flu need to be taken soon after the illness sets in although the symptoms can be eased with over the counter medications. As for colds, the sooner a person starts taking over-the-counter remedy, the sooner relief will come. Cold symptoms such as stuffy nose, runny nose and scratchy throat typically develop gradually, and adults and teens often do not get a fever. On the other hand, fever is one of the characteristic features of the flu for all ages. And in general, flu symptoms including fever and chills, sore throat and body aches come on suddenly and are more severe than cold symptoms.</p> <p>10. According to the passage, knowing the cause of scratchy throats, stuffy noses and body aches</p> <p>(a) reduces the likelihood of catching cold</p> <p>(b) sometimes doesn't help patients lessen the severity of symptoms</p> <p>(c) encourages patients to buy over-the-counter medications</p> <p>(d) will shorten the duration of the flu</p> <p>11. According to the passage, to combat the flu effectively,</p> <p>(a) the virus which causes the disease has to be identified</p> <p>(b) patients should only use over-the-counter medications</p> <p>(c) one should take the necessary medications upon catching the disease</p> <p>(d) there is no reason to see a doctor</p>
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<p>12. It is pointed out in the reading that</p> <p>(a) fever is the most important feature of a cold</p> <p>(b) flu symptoms are not as severe as cold symptoms</p> <p>(c) the flu can be prevented by the flu vaccine</p> <p>(d) over-the-counter drugs can be taken to ease the misery caused by a cold or the flu</p> <p>In bringing up children, every parent, regardless of ethnicity, income, education, or geographic location, watches eagerly the child's acquisition of each new skill. However, it is often tempting to hurry the child beyond his natural learning rate, which can set up dangerous feelings of failure and states of worry in the child. This might happen at any stage. A baby might be forced to use a toilet too early, a young child might be encouraged to learn to read before he knows the meaning of the words he reads. On the other hand, though, if a child is left alone too much, or without any learning opportunities, he loses his natural enthusiasm for life and his desire to find out new things for himself. Parents vary greatly in their degree of strictness towards their children. Some may be especially strict in money matters. Others are severe over times of coming home at night or punctuality for meals. In general, the controls imposed represent the needs of the parents and the values of the community as much as the child's own benefit.</p> <p>13. According to the passage, in the process of children's learning new skills, parents</p> <p>(a) must encourage them to read before they know the meaning of the words they read</p> <p>(b) should achieve a balance between pushing them too hard and leaving them on their own</p> <p>(c) never expect too much of their children</p> <p>(d) should create as many learning opportunities as possible for themselves</p> <p>14. It is pointed out in the reading that</p> <p>(a) parents should be strict with their children</p> <p>(b) parental controls reflect only the needs of the parents and the values of the community</p> <p>(c) parents must maintain strict control over their children's pocket money</p>	<p>(d) parental restrictions vary, and are not always enforced for the benefit of the children alone</p> <p>15. As we understand from the passage, watching the child's acquisition of new skills</p> <p>(a) sets up dangerous states of worry in the parents</p> <p>(b) is universal among parents</p> <p>(c) ensures the security of their children</p> <p>(d) will make him lose interest in learning new things</p> <p>Psychologist George Spilich at Washington College in Chestertown, Maryland, decided to find out whether, as many smokers say, smoking helps them to think and concentrate. He put non-smokers, active smokers and smokers deprived of cigarettes through a series of tests. In the first test, each subject sat before a computer screen and pressed a key as soon as he or she recognized a target letter. In this simple test, smokers, deprived smokers and non-smokers performed equally well. The next test was more complex. Non-smokers were faster, but under the stimulation of nicotine, active smokers were faster than deprived smokers. In the third test of short-term memory, non-smokers made the fewest errors, but deprived smokers committed fewer errors than active smokers. In the fourth test, non-smokers were the best and deprived smokers bested those who had smoked a cigarette just before testing. As the tests became more complex, non-smokers performed better than smokers by wider and wider margins.</p> <p>16. It is pointed out in the passage that the purpose of George Spilich's experiments is</p> <p>(a) to test whether smoking has a positive effect on the mental capacity of smokers</p> <p>(b) to show how smoking damages people's mental capacity</p> <p>(c) to prove that smoking affects people's regular performance</p> <p>(d) to show that non-smokers are less productive at work than smokers</p> <p>17. We understand from the passage that</p> <p>(a) active smokers in general performed better than deprived smokers</p>
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<p>(b) active smokers responded more quickly than the other subjects in all tests</p> <p>(c) the other subjects were not better than nonsmokers in the simplest test</p> <p>(d) deprived smokers gave the slowest responses to the various tasks</p> <p>18. George Spilich's experiment was conducted in such a way as to</p> <p>(a) check the effectiveness of nicotine on nonsmokers</p> <p>(b) put the subjects through increasingly complex tests</p> <p>(c) finish the tests as quickly as possible</p> <p>(d) force the subjects to recall the words they learned</p> <p>As the economic role of multinational, global corporations expands, the international economic environment will be shaped increasingly not by governments or international institutions, but by the interaction between governments and global corporations, especially in the United States, Europe, and Japan. A significant factor in this shifting world economy is the trend toward regional trading blocs of nations, which has a potentially large effect on the evolution of the world trading system. Two examples of this trend are the United States-Canada Free Trade Agreement (FTA) and Europe 1992, the move by the European Community (EC) to dismantle impediments to the free flow of goods, services, capital, and labor among member states by the end of 1992. However, although numerous political and economic factors were operative in launching the move to integrate the EC's markets, concern about protectionism within the EC does not appear to have been a major consideration. This is in sharp contrast to the FTA; the overwhelming reason for that bilateral initiative was fear of increasing United States protectionism. Nonetheless, although markedly different in origin and nature, both regional developments are highly significant in that they will foster integration in the two largest and richest markets of the world, as well as provoke questions about the future direction of the world trading system.</p> <p>19. The primary purpose of the passage as a whole is to</p> <p>(a) describe an initiative and propose its continuance</p>	<p>(b) chronicle a development and illustrate its inconsistencies</p> <p>(c) identify a trend and suggest its importance</p> <p>(d) report a phenomenon and outline its probable future</p> <p>20. According to the passage, all of the following are elements of the shifting world economy EXCEPT</p> <p>(a) an alteration in the role played by governments</p> <p>(b) an increase in interaction between national governments and international regulatory institutions</p> <p>(c) an increase in the formation of multinational trading alliances</p> <p>(d) an increase in integration in the two richest markets of the world</p> <p>21. The passage suggests which of the following about global corporations?</p> <p>(a) Their continued growth depends on the existence of a fully integrated international market</p> <p>(b) Their potential effect on the world market is a matter of ongoing concern to international institutions</p> <p>(c) They will have to assume quasi-governmental functions if current economic trends continue</p> <p>(d) Their influence on world economics will continue to increase</p> <p>22. According to the passage, one similarity between the FTA and Europe 1992 is that they both</p> <p>(a) overcame concerns about the role of politics in the shifting world economy</p> <p>(b) originated out of concern over unfair trade practices by other nations</p> <p>(c) exemplify a trend toward regionalization of commercial markets</p> <p>(d) help to ensure the continued economic viability of the world community</p>
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<p>23. Which of the following can be inferred from the passage about the European Community prior to the adoption of the Europe 1992 program?</p> <p>(a) There were restrictions on commerce between the member nations</p> <p>(b) The economic policies of the member nations focused on global trading issues</p> <p>(c) There were few impediments to trade between the member nations and the United States</p> <p>(d) The flow of goods between the member nations and Canada was insignificant.</p> <p>24. The author discusses the FTA and Europe 1992 most likely in order to</p> <p>(a) point out the similarities between two seemingly disparate trading alliances</p> <p>(b) illustrate how different economic motivations produce different types of trading blocs</p> <p>(c) provide contrasting examples of a trend that is influencing the world economy</p> <p>(d) identify the most important characteristics of successful economic integration</p> <p>25. Which of the following best describes the organization of the passage?</p> <p>(a) An argument is put forth and evidence for and against it given</p> <p>(b) An assertion is made and opposing evidence presented</p> <p>(c) Two hypotheses are described and shown to inconsistent with one another</p> <p>(d) A phenomenon is identified and illustrations of this phenomenon offered.</p> <p>The sensation of pain cannot accurately be described as “located” at the point of an injury, or, for that matter, in any one place in the nerves or brain. Rather, pain signals—and pain relief—are delivered through a highly complex interacting circuitry. When a cell is injured, a rush of prostaglandins sensitizes nerve endings at the injury. Prostaglandins are chemicals produced in and released from virtually all mammalian cells when they are injured: these are the only pain signals that do not originate in the nervous system.</p>	<p>Aspirin and other similar drugs (such as indomethacin and ibuprofen) keep prostaglandins from being made by interfering with an enzyme known as prostaglandin synthetase, or cyclooxygenase. The drugs’ effectiveness against pain is proportional to their success in blocking this enzyme at the site of injury.</p> <p>From nerve endings at the injury, pain signals move to nerves feeding into the spinal cord. The long, tubular membranes of nerve cells carry electrical impulses. When electrical impulses get to the spinal cord, a pain-signaling chemical known as substance P is released there. Substance P then excites nearby neurons to send impulses to the brain. Local anesthetics such as novocaine and xylocaine work by blocking the electrical transmission along nerves in a particular area. They inhibit the flow of sodium ions through the membranes, making the nerves electrically quiescent; thus no pain signals are sent to the spinal cord or to the brain.</p> <p>Recent discoveries in the study of pain have involved the brain itself—the supervising organ that notices pain signals and that sends messages down to the spinal cord to regulate incoming pain traffic. Endorphins—the brain’s own morphine—are a class of small peptides that help to block pain signals within the brain itself. The presence of endorphins may also help to explain differences in response to pain signals, since individuals seem to differ in their ability to produce endorphins. It now appears that a number of techniques for blocking chronic pain—such as acupuncture and electrical stimulation of the central brain stem—involve the release of endorphins in the brain and spinal cord.</p> <p>26. The passage is primarily concerned with</p> <p>(a) analyzing ways that enzymes and other chemicals influence how the body feels pain</p> <p>(b) describing the presence of endorphins in the brain and discussing ways the body blocks pain within the brain itself</p> <p>(c) describing how pain signals are conveyed in the body and discussing ways in which the pain signals can be blocked</p> <p>(d) demonstrating that pain can be influenced by acupuncture and electrical stimulation of the central brain stem</p>
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<p>27. According to the passage, which of the following is one of the first things to occur when cells are injured?</p> <p>(a) The flow of electrical impulses through nerve cells at the site of the injury is broken</p> <p>(b) The production of substance P traveling through nerve cells to the brain increases</p> <p>(c) Endorphins begin to speed up the response of nerve cells at the site of the injury</p> <p>(d) A flood of prostaglandins sensitizes nerve endings at the site of the injury</p> <p>28. Of the following, which is most likely attributable to the effect of endorphins as described in the passage?</p> <p>(a) After an injection of novocaine, a patient has no feeling in the area where the injection was given</p> <p>(b) After taking ibuprofen, a person with a headache gets quick relief</p> <p>(c) After receiving a local anesthetic, an injured person reports relief in the anesthetized area</p> <p>(d) After being given aspirin, a child with a badly scraped elbow feels better.</p> <p>29. It can be inferred from the passage that if the prostaglandin synthetase is only partially blocked, which of the following is likely to be true?</p> <p>(a) Some endorphins will be produced, and some pain signals will be intensified</p> <p>(b) Some substance P is likely to be produced, so some pain signals will reach the brain</p> <p>(c) Some sodium ions will be blocked, so some pain signals will not reach the brain</p> <p>(d) Some prostaglandins will be produced, but production of substance P will be prevented.</p> <p>Historians sometimes forget that history is continually being made and experienced before it is studied, interpreted, and read. These latter activities have their own history, of course, which may impinge in unexpected ways on public events. It is difficult to predict when “new pasts” will overturn established historical interpretations and change the course of history. In the fall of 1954, for example, C. Vann</p>	<p>Woodward delivered a lecture series at the University of Virginia which challenged the prevailing dogma concerning the history, continuity, and uniformity of racial segregation in the South. He argued that the Jim Crow laws of the late nineteenth and early twentieth centuries not only codified traditional practice but also were a determined effort to erase the considerable progress made by Black people during and after Reconstruction in the 1870’s. This revisionist view of Jim Crow legislation grew in part from the research that Woodward had done for the NAACP legal campaign during its preparation for <i>Brown v. Board of Education</i>. The Supreme Court had issued its ruling in this epochal desegregation case a few months before Woodward’s lectures.</p> <p>The lectures were soon published as a book, <i>The Strange Career of Jim Crow</i>. Ten years later, in a preface to the second revised edition, Woodward confessed with ironic modesty that the first edition “had begun to suffer under some of the handicaps that might be expected in a history of the American Revolution published in 1776.” That was a bit like hearing Thomas Paine apologize for the timing of his pamphlet <i>Common Sense</i>, which had a comparable impact. Although <i>Common Sense</i> also had a mass readership, Paine had intended to reach and inspire: he was not a historian, and thus not concerned with accuracy or the dangers of historical anachronism. Yet, like Paine, Woodward had an unerring sense of the revolutionary moment, and of how historical evidence could undermine the mythological tradition that was crushing the dreams of new social possibilities. Martin Luther King, Jr., testified to the profound effect of <i>The Strange Career of Jim Crow</i> on the civil rights movement by praising the book and quoting it frequently.</p> <p>30. The “new pasts” mentioned can best be described as the</p> <p>(a) occurrence of events extremely similar to past events</p> <p>(b) history of the activities of studying, interpreting, and reading new historical writing</p> <p>(c) change in people’s understanding of the past due to more recent historical writing</p> <p>(d) overturning of established historical interpretations by politically motivated politicians</p>
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<p>31. It can be inferred from the passage that the “prevailing dogma” held that</p> <p>(a) Jim Crow laws were passed to give legal status to well-established discriminatory practices in the South</p> <p>(b) Jim Crow laws were passed to establish order and uniformity in the discriminatory practices of different southern states</p> <p>(c) Jim Crow laws were passed to erase the social gains that Black people had achieved since Reconstruction</p> <p>(d) the continuity of racial segregation in the South was disrupted by passage of Jim Crow laws</p> <p>32. Which of the following is the best example of writing that is likely to be subject to the kinds of “handicaps”?</p> <p>(a) A history of an auto manufacturing plant written by an employee during an auto-buying boom</p> <p>(b) A critique of a statewide school-desegregation plan written by an elementary school teacher in that state</p> <p>(c) A newspaper article assessing the historical importance of a United States President written shortly after the President has taken office</p> <p>(d) A scientific paper describing the benefits of a certain surgical technique written by the surgeon who developed the technique</p> <p>33. The passage suggests that C. Vann Woodward and Thomas Paine were similar in all of the following ways EXCEPT:</p> <p>(a) Both had works published in the midst of important historical events</p> <p>(b) Both wrote works that enjoyed widespread popularity</p> <p>(c) Both exhibited an understanding of the relevance of historical evidence to contemporary issues</p> <p>(d) Both were able to set aside worries about historical anachronism in order to reach and inspire</p>	<p>34. The attitude of the author of the passage toward the work of C. Vann Woodward is best described as one of</p> <p>(a) respectful regard</p> <p>(b) qualified approbation</p> <p>(c) implied skepticism</p> <p>(d) pointed criticism</p> <p>35. Which of the following best describes the new idea expressed by C. Vann Woodward in his University of Virginia lectures in 1954?</p> <p>(a) Southern racial segregation was continuous and uniform</p> <p>(b) Black people made considerable progress only after Reconstruction</p> <p>(c) Jim Crow legislation was conventional in nature</p> <p>(d) Jim Crow laws did much more than merely reinforce a tradition of segregation</p> <p>36. In how many ways can the letters of the word 'APPLE' be arranged?</p> <p>(a) 720</p> <p>(b) 120</p> <p>(c) 60</p> <p>(d) 180</p> <p>37. A man purchased a cow for Rs. 3000 and sold it the same day for Rs. 3600, allowing the buyer a credit of 2 years. If the rate of interest be 10% per annum, then the man has a gain of</p> <p>(a) 0%</p> <p>(b) 5%</p> <p>(c) 7.5%</p> <p>(d) 10%</p>
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<p>38. 10 men and 15 women together can complete a work in 6 days. It takes 100 days for one man alone to complete the same work. How many days will be required for one woman alone to complete the same work?</p> <p>(a) 90 (b) 145 (c) 150 (d) 225</p> <p>39. A person travels from P to Q at a speed of 40 km/hr and returns by increasing his speed by 50%. What is his average speed for both the trips?</p> <p>(a) 36 kmph (b) 45 kmph (c) 48 kmph (d) 50 kmph</p> <p>40. The market value of a 10.5% stock, in which an income of Rs. 756 is derived by investing Rs. 9000, brokerage being 1/4% is</p> <p>(a) Rs. 108.25 (b) Rs. 112.20 (c) Rs. 124.75 (d) Rs. 125.25</p> <p>41. A rectangular box measures internally 1.6 m long, 1 m broad and 60 cm deep. The number of cubical blocks each of edge 20 cm that can be packed inside the box is</p> <p>(a) 30 (b) 53 (c) 60 (d) 120</p> <p>42. A and B together can do a piece of work in 30 days. A having worked for 16 days, B finishes the remaining work in 44 days. In how many days shall B finish the whole work alone?</p> <p>(a) 30 days</p>	<p>(b) 40 days (c) 60 days (d) 70 days</p> <p>43. EJO, TYD, INS, XCH, ?</p> <p>(a) NRW (b) MRW (c) MSX (d) NSX</p> <p>44. SHG, RIF, QJE, PKD, ?</p> <p>(a) OLE (b) OLC (c) NMC (d) NLB</p> <p>45. 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 ?</p> <p>(a) Cousin (b) Brother (c) Father in law (d) Father</p> <p>46. 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?</p> <p>(a) Wife (b) Husband (c) Father (d) It is not possible to determine</p>
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47. 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

48. Which word does not belong with the others?

- (a) Table
- (b) Glove
- (c) Plate
- (d) Branch

49. 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?

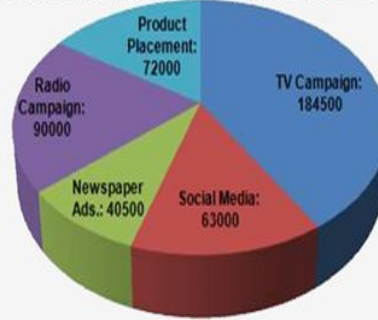
- (a) 3
- (b) 2
- (c) None
- (d) 1

50. 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

51.

A new product is planned to bring in sales through a range of marketing methods. The expected sales by each marketing method is illustrated on this chart:

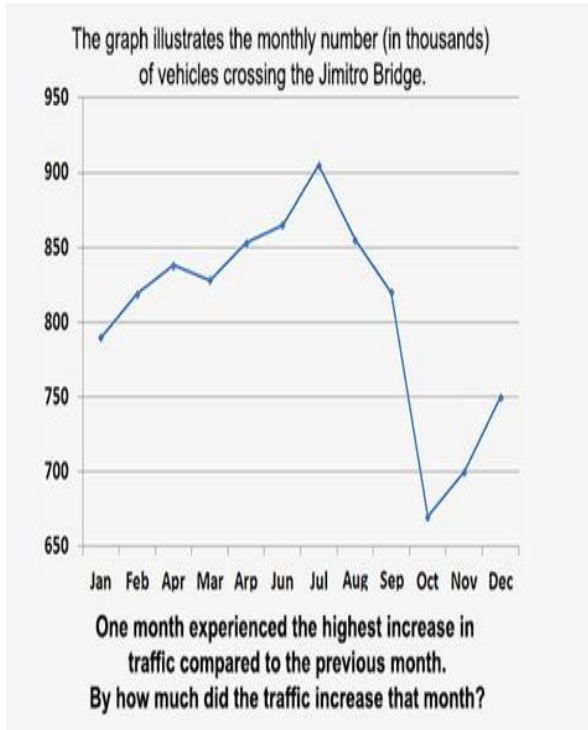


Which marketing method is planned to obtain 20% of the sales?

- (a) Product Placement
- (b) Social Media
- (c) Newspaper Ads
- (d) Radio Campaign

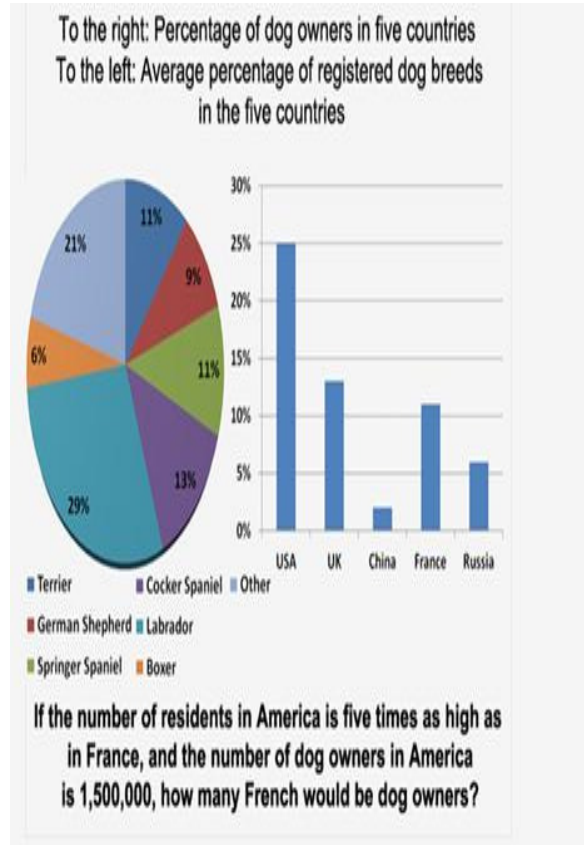
Model Test Paper 41
General Study Paper II

52.



- (a) 50,000
- (b) 40,000
- (c) 55,000
- (d) 45,000

53.



- (a) 132,000
- (b) 150,000
- (c) 165,000
- (d) 120,000

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General Study Paper II

<p>54. Fiona, Georgia, Heather, Ian, John, Kilgore and Lumina are forming a line, trying to get tickets to a concert. Fiona is standing in front of Ian. John is standing in front of Heather. If John is not first in line, Lumina is standing somewhere in front of him. Ian is standing immediately in front of or immediately behind Kilgore. If Heather, Kilgore and Lumina are the last three, not necessarily in that order, then which one of the following could be the order of the first four people (from left to right)?</p> <p>(a) John, Fiona, Georgia, Ian (b) Ian, Georgia, John, Fiona (c) John, Fiona, Ian, Georgia (d) Fiona, Ian, Georgia, John</p> <p>55. Thomas and Sam work every other day (Monday through Saturday). Thomas and Sam never work together. Uma, Victor and Winona work twice a week (Monday through Saturday), but never together. Thomas and Victor cannot both work on the same day. Winona never works on Mondays or Fridays. If Winona works only with Thomas, which one of the following must be true? explanation</p> <p>(a) Winona is working on Tuesday or Saturday, but not both (b) Victor is working on Monday and Wednesday (c) Uma is working on two consecutive days (d) Thomas is not working on Wednesday</p> <p>56. A chef has to pick four fruits out of the following seven to make a fruit salad: figs, guavas, honeydews, kiwis, mangos, nectarines and papayas. Papaya can be selected only if kiwi is selected. Fig can be selected only if nectarine is selected. Either mango or nectarine must be selected, but never both. Either papaya or honeydew must be selected but never both. If the salad does not contain honeydew, how many combinations of salad can the chef prepare?</p> <p>(a) One (b) Two</p>	<p>(c) Three (d) Four</p> <p>57. Summerhill Community College found that, because the current curriculum has little direct relevance to skills required in order to succeed in the job market, they have been attracting fewer and fewer new students. So to attract students to their college, the board proposed a curriculum that emphasizes technology related to computers. Which of the following, if true, provides the strongest reason to expect that the proposed curriculum will be successful in attracting students?</p> <p>(a) Many technological principles can be applied to computers (b) Knowledge of technology is becoming increasingly important in understanding today's world (c) Equipment that a large producer of computers has donated to the college could be used in the proposed curriculum (d) In today's world, the production and application of computers is of major importance in many places of business</p> <p>58. In the 1980's, myopia was the most common eye problem in Ohio, followed hyperopia, or farsightedness, and glaucoma, in that order. The incidence for both hyperopia and glaucoma increases with age, but the incidence rate for myopia is the same for people of all ages. The average age of the population of Ohio residents is expected to increase between 1990 and 2010. Which of the following conclusions can be most properly drawn about chronic medical conditions in Ohio from the information given above?</p> <p>(a) Myopia will be more common than either hyperopia or glaucoma by 2010 (b) Hyperopia will be the most common eye condition in 2010 (c) The average age of people suffering from myopia will increase between 1990 and 2010 (d) Fewer people will suffer from myopia in 2000 than suffered from it in 1980</p>
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59. A New Mexico farm that grows hothouse tomatoes produces in 10 acres of space what it takes 20 acres of field area to produce. Expenses, such as electricity, are high, however, and the tomatoes harvested cost 60 % more than Florida field tomatoes. Which of the following, if true, best supports a projection that the New Mexico tomato farm will be profitable?

- (a) Once the operators of the facility are experienced, they will be able to cut operating expenses by about 7%
- (b) There is virtually no scope for any further reduction in the cost per pound for Florida tomatoes
- (c) Unlike washed field tomatoes, the hothouse tomatoes are untainted by any pesticides or herbicides and thus will sell at very high prices to such customers as health food stores and organic produce outlets
- (d) Since tomatoes ship relatively well, the market for the hothouse tomatoes is not more limited to the New Mexico area than the Florida tomatoes are to Florida

60. Organic farmers are looking for non-chemical methods to rid their crops of pests. Giving crops a slight electric shock has no ill effect on crops but rids them of caterpillars. This method should be employed by organic farmers all over the country. Which of the following, if true, most strongly supports the view that it would not be advisable to try to eradicate agricultural pests with the method mentioned above?

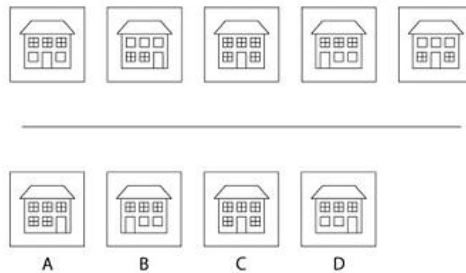
- (a) Most species of caterpillar are subject to some natural predators
- (b) Many agricultural pests do not go through a caterpillar stage
- (c) This method also kills insects that are agriculturally beneficial
- (d) Since caterpillars of different species appear at different times of the year, several shocks would be necessary

61. A study of business partnerships in which one partner's management style differs from that of the other partner reveals that such partnerships are more likely be fraught with problems and to ultimately end in dissolution. Thus, mismatched management styles can seriously jeopardize a business partnership. Which of the following, if

true, most seriously weakens the argument above? explanation

- (a) Business partnerships in which both partners have the same management style also occasionally have disagreements that can jeopardize the partnership
- (b) The management style of individuals tends to vary from year to year
- (c) The individuals who have management style that differ significantly from those of their partners tend to argue little with spouses at home
- (d) Partners who are considering dissolution have been found to express hostility by adopting a different management styles from that of their partners

62.

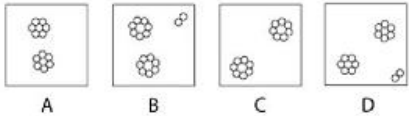


What comes next in the sequence?

- (a)
- (b)
- (c)
- (d)

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63.



What comes next in the sequence?

- (a)
- (b)
- (c)
- (d)

64. The Cassava root contains 38 grams of carbohydrates per 100 grams and each individual root has an average weight of 350 grams. If carbohydrates contains 4 calories per gram, how many calories from carbohydrates can be found in 250 Cassava roots?

- (a) 126,000 calories
- (b) 133,000 calories
- (c) 139,000 calories
- (d) 145,000 calories

65. For a £200 payday loan, a company charges 0.95% of the value of the loan per day as interest. The loan needs to be paid back in full in one lump sum and the interest does not compound. How many days will it take for the interest on the loan to equal the initial loan amount?

- (a) 90 days

- (b) 95 days
- (c) 100 days
- (d) 105 days

66. A coins-to-cash machine converts unwanted small change into banknotes for a fee. On the first £5; a 10% fee is charged, on the next £5, a 7.5% fee is charged and on changes afterwards, a 5% fee is charged. If a customer cashed in £30 worth of change, how much money will the coins-to-cash gain from this transaction?

- (a) 1.55
- (b) 1.66
- (c) 1.77
- (d) 1.88

67. A company pays an annual dividend of 3.65% of the value of the shares held. If the dividends are re-invested after each dividend payment, how much dividend income would have been received on an initial investment of £3,500 over three annual dividend payments?

- (a) 361.68
- (b) 368.10
- (c) 373.80
- (d) 387.27

68. The common cold is a viral infection in which 70% of all cases are mainly due to Rhinovirus, 15% are mainly due to Coronavirus, 10% mainly due to influenza and 5% mainly due to other viruses. Often, more than one virus is present. If 90% of the world population (7,000,000,000) suffers from the common cold at least once a year, how many individuals are infected with the Rhinovirus?

- (a) 4,500,000,000 people
- (b) 5,040,000,000 people
- (c) 5,800,000,000 people
- (d) Cannot say

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69. Find the missing number:
7225, 7229, 7221, ?, 7217, 7221

- (a) 7229
 - (b) 7223
 - (c) 7230
 - (d) 7225
- 70.

Find the missing number:

67	36	80	42	?
33	73	39	88	46

- (a) 88
 - (b) 44
 - (c) 48
 - (d) 96
- 71.

Find the missing number:

253	?	199	321	172
226	162	172	294	145

- (a) 204
- (b) 189
- (c) 177
- (d) 198

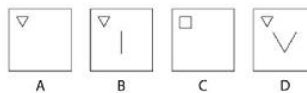
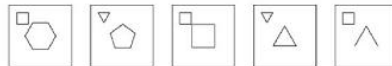
72. A student is ranked 13th from the right and 8th from the left. How many students are there in total?

- (a) 22
- (b) 20
- (c) 19
- (d) 21

73. Peter had grown 3 inches since they last met. When they last met Brian was 5 inches taller than Peter, back then Brian was 10 inches shorter than his father who was 80 inches tall. How tall is Peter today?

- (a) 78
- (b) 68
- (c) 62
- (d) 65

74.

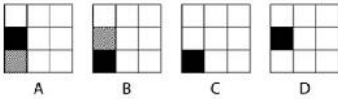


What comes next in the sequence?

- (a)
- (b)
- (c)
- (d)

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General Study Paper II

75.



What comes next in the sequence?

- (a)
- (b)
- (c)
- (d)

Read the following passage and answer the questions based on it

Long ago there was a ruler called the Duke of Ferrara, who for many years had been suffering from an illness which seemed to be incurable. The whole court was sad, but no one grieved more than Gonella, the Duke's faithful jester. Finally, the doctors said that if anyone were bold enough to give the Duke a sudden fright, it might cure him.

Out of love for his master, Gonella agreed to risk the Duke's anger and administer the fright. So one day, while they were walking in the grounds, he suddenly pushed his master into the lake. The Duke was of course promptly rescued, and to everyone's joy it was found that the shock had completely cured him.

Unfortunately, he was angry with Gonella for playing this trick on him, and planned to give jester a fright in return. He ordered Gonella to be put in prison and then sentenced him to death. On the day of execution the poor frightened jester was blindfolded and made to lay his head on the block. Then the executioner, at the Duke's order, instead of the axe let a single drop of water fall on his neck. All the onlookers laughed merrily at the Duke's joke. But the jester did not rise. When the executioner lifted him up it was found that he was dead, from shock.

76. It was the jester who

- (a) frightened the Duke
- (b) gave the Duke the required shock
- (c) rescued the Duke
- (d) made the Duke angry

77. The Duke was suffering from

- (a) an incurable illness
- (b) an unknown fright
- (c) sleeplessness
- (d) a severe disease

78. The passage is about

- (a) the Duke's jester
- (b) the Duke's revenge
- (c) the Duke's anger
- (d) jester's death

79. The Duke decided

- (a) to imprison the jester
- (b) to kill the jester
- (c) to take revenge on the jester
- (d) to feel grateful to the jester

80. The Duke's joke proved to be a cruel practical joke because

- (a) the jester was frightened
- (b) the jester was accidentally executed
- (c) the executioner took revenge on the jester
- (d) the jester died from shock

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Answer Sheet

	A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	61	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	62	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	63	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	64	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	65	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	69	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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