

Model Test Paper 16  
General Study Paper II

---

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

---

TEST BOOKLET  
GENERAL STUDIES  
Paper-II

D

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.

---

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

---

**Model Test Paper 16**  
**General Study Paper II**

<p>Answer questions 1 and 2 on the basis of the information below.</p> <p>The six top songs (not in order) of 1968 were:</p> <p>“People Got to Be Free” by The Rascals “Sittin’ on the Dock of the Bay” by Otis Redding “Honey” by Bobby Goldsboro “Sunshine of Your Love” by Cream “Love Is Blue” by Paul Mauriat &amp; His Orchestra “Hey Jude” by The Beatles</p> <p>Here are some rules about the order of the songs:</p> <p>The Beatles and Cream do not appear next to each other on the list. The number 1 song is not “Love Is Blue.” The songs by individual artists are numbers 3 and 4. The Rascals appear right before Cream and right after Otis Redding.</p> <p>1. Which of the following is true?</p> <p>(a) Song #3 is “Honey” by Bobby Goldsboro</p> <p>(b) Song #6 is “Hey Jude” by the Beatles</p> <p>(c) Song #1 is “Sittin’ on the Dock of the Bay” by Otis Redding</p> <p>(d) Song #1 is “Sunshine of Your Love” by Cream</p> <p>2. Which of the following is the correct order of songs?</p> <p>(a) “Honey,” “Love Is Blue,” “People Got to Be Free,” “Sunshine of Your Love,” “Sittin’ on the Dock of the Bay,” “Hey Jude”</p> <p>(b) “Love Is Blue,” “Hey Jude,” “Honey,” “Sittin’ on the Dock of the Bay,” “People Got to Be Free,” “Sunshine of Your Love”</p>	<p>(c) “Sunshine of Your Love,” “People Got to Be Free,” “Sittin’ on the Dock of the Bay,” “Honey,” “Love Is Blue,” “Hey Jude”</p> <p>(d) “Hey Jude,” “Love Is Blue,” “Honey,” “Sittin’ on the Dock of the Bay,” “People Got to Be Free,” “Sunshine of Your Love”</p> <p>Answer question 3 solely on the basis of the following information.</p> <p>When a new employee is hired at the law firm, a human resources representative should take the following steps on the employee’s first day of work.</p> <ol style="list-style-type: none"><li>1. Greet the employee in the reception area and offer him coffee or tea.</li><li>2. Take the employee back to the human resources office and have him complete a general information questionnaire, a healthcare insurance form, and a tax form.</li><li>3. Take a photograph of the employee for his identification card.</li><li>4. Issue the employee a temporary identification card.</li><li>5. Walk the employee to the department in which he will be working and introduce him to his colleagues.</li><li>6. Bring the employee to his office or cubicle.</li></ol> <p>3. It is Kate Milford’s first day of work as a paralegal at the law firm of Jasper, Jenkins &amp; Mead. Taylor Franklin, the human resources manager, greets Kate in the reception area and gets her a cup of tea as they walk back to the human resources office. Taylor asks Kate to sit at a table and fill out three forms. While Kate completes the forms, Taylor checks her messages and asks her secretary to confirm a meeting she has for later that morning. Taylor then takes a photograph of Kate that will be used on her company identification card. As Taylor walks Kate over to the paralegal department, she tells her that the identification card should be ready in a couple of days. Taylor introduces Kate to her new</p>
---	---

**Model Test Paper 16**  
**General Study Paper II**

colleagues, who all greet her quite warmly, and then shows her to her new cubicle, jots down her phone extension, and says that Kate should call her if she has any questions at all. Taylor Franklin's actions were

- (a) proper, because she is the human resources manager and knows how to greet a new employee.
- (b) improper, because she did not spend enough time making sure that Kate was comfortable.
- (c) proper, because she told Kate that she should feel free to call her if she had questions.
- (d) improper, because she did not issue a temporary identification card.

Answer question 4 solely on the basis of the following information.

When a client comes in looking for a new home, the real estate agency requires its realtors to follow some specific guidelines during the first meeting. The realtor is expected to do the following.

1. Be sure the client is comfortably seated and has been offered a drink.
2. Get background information on the client's current living circumstances.
3. Ask the client what qualities she is looking for in a house.
4. Discuss the price range that the client has in mind and determine whether or not she has been preapproved for a mortgage.
5. With the computer screen facing the client, browse the current house listings and print out information for any of the houses that the client would like to see in person.
6. Ask the client if she is available to look at some of the houses immediately, and if not, make an appointment to show her the houses as soon as possible.

4. Marcus and Cynthia Howard arrive at Smithfield Realty for their appointment with realtor Patricia Russo. Ms. Russo leads the couple to a comfortable sofa in her office and gets them both a cup of coffee. Ms. Russo asks Marcus and Cynthia what kind of house they are looking for and it becomes clear that they have very particular ideas. Most importantly, they are looking for a house that is in walking distance of the train station. They also want a newer house, preferably one built after 1970.

They must have four bedrooms and central air conditioning. A finished basement would be a welcome bonus. Ms. Russo discusses price range with her new clients, and before the discussion is finished, they hand her a letter from their mortgage company that indicates that they have been preapproved for a mortgage. Together, the three of them browse the listings on Ms. Russo's computer screen and information is printed out for four houses that the couple would like to see. Ms. Russo determines that Marcus and Cynthia are free for another few hours, so the three of them head to her car to begin looking at potential new homes. Based on the company guidelines, the actions taken by Ms. Russo were

- (a) improper, because she was only able to find four houses that Marcus and Cynthia wanted to see
- (b) proper, because she obtained all the necessary information from the clients.
- (c) improper, because she failed to get any details about the client's current living circumstances.
- (d) proper, because she didn't try to persuade the clients to consider houses that didn't meet all of their criteria.

**Model Test Paper 16**  
**General Study Paper II**

<p>5. The film director wants an actress for the lead role of Lucy who perfectly fits the description that appears in the original screenplay. He is not willing to consider actresses who do not resemble the character as she is described in the screenplay, no matter how talented they are. The screenplay describes Lucy as an average-sized, fortysomething redhead, with deep brown eyes, very fair skin, and a brilliant smile. The casting agent has four actresses in mind.</p> <p>Actress #1 is a stunning red-haired beauty who is 5'9" and in her mid-twenties. Her eyes are brown and she has an olive complexion.</p> <p>Actress #2 has red hair, big brown eyes, and a fair complexion. She is in her mid-forties and is 5'5".</p> <p>Actress #3 is 5'4" and of medium build. She has red hair, brown eyes, and is in her early forties.</p> <p>Actress #4 is a blue-eyed redhead in her early thirties. She's of very slight build and stands at 5'.</p> <p>Which two actresses should the casting agent send to meet the director?</p> <p>(a) 1, 2</p> <p>(b) 2, 3</p> <p>(c) 1, 4</p> <p>(d) 2, 4</p> <p>6. 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.</p>	<p>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.</p> <p>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.</p> <p>Solicitor #3 is a white male, approximately 23 years old, 5'10", slight build, with short brown hair. He was wearing a blue suit.</p> <p>Three days after the block association meeting, a resident noticed a man knocking on doors in the neighborhood and phoned the police to report the illegal activity. This solicitor was described as follows:</p> <p>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.</p> <p>Based on this description, which of the three solicitations was also likely carried out by Solicitor #4?</p> <p>(a) #1, #2, and #3</p> <p>(b) #1, but not #2 and #3</p> <p>(c) #1 and #3, but not #2</p> <p>(d) #1 and #2, but not #3</p> <p>For questions 7 through 17, find the statement that must be true according to the given information.</p> <p>7. 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.</p>
--	--

**Model Test Paper 16**  
**General Study Paper II**

<p>(a) Erin’s parents like birds better than they like dogs.</p> <p>(b) Erin does not like birds.</p> <p>(c) Erin and her parents live in an apartment.</p> <p>(d) Erin and her parents would like to move.</p> <p>8. 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.</p> <p>(a) Mike’s parents want him to learn to play the guitar.</p> <p>(b) Mike prefers music to outdoor activities.</p> <p>(c) Mike goes to some type of camp every summer.</p> <p>(d) Mike likes to sing and dance.</p> <p>9. 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.</p> <p>(a) Taxol is poisonous when taken by healthy people.</p> <p>(b) Taxol has cured people from various diseases.</p> <p>(c) People should not eat the fruit of the Pacific yew.</p> <p>(d) The Pacific yew was considered worthless until taxol was discovered.</p>	<p>10. 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.</p> <p>(a) Mr. Sanchez enjoys planting and growing vegetables.</p> <p>(b) Mr. Sanchez does not like classical music.</p> <p>(c) Mrs. Sanchez cooks the vegetables that Mr. Sanchez grows.</p> <p>(d) Mrs. Sanchez enjoys reading nineteenthcentury novels.</p> <p>11. 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.</p> <p>(a) Tim would be better off taking the bus to work.</p> <p>(b) Tim’s commute is less comfortable since the train schedule changed.</p> <p>(c) Many commuters will complain about the new train schedule.</p> <p>(d) Tim will likely look for a new job closer to home.</p> <p>12. 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.</p>
---	---

**Model Test Paper 16**  
**General Study Paper II**

<p>(a) Maya and Julian take beach vacations every year.</p> <p>(b) The spa is overpriced.</p> <p>(c) It is usually necessary to book at least six months in advance at the spa.</p> <p>(d) Maya and Julian decided to change their vacation plans because of the hurricane.</p> <p>13. 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.</p> <p>(a) Seahorses are likely to become extinct within five years.</p> <p>(b) One way to increase seahorse populations is to ban the fishing of seahorses.</p> <p>(c) Biologists from all over the world are working to save the seahorses.</p> <p>(d) Seahorse fishermen have spoken out against the biologists.</p> <p>14. 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.</p> <p>(a) Vincent and Thomas live in the same neighborhood.</p> <p>(b) It takes Thomas more than 50 minutes to deliver the papers.</p> <p>(c) It is dark outside when Vincent begins his deliveries.</p>	<p>(d) Thomas would like to have his own paper route.</p> <p>15. 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.</p> <p>(a) When he plays Monopoly with Marsha and Georgia, Bart often loses.</p> <p>(b) Of the three, Georgia is the oldest.</p> <p>(c) Georgia hates to lose at Monopoly.</p> <p>(d) Of the three, Marsha is the youngest.</p> <p>16. 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.</p> <p>(a) Only one of the news-magazine shows remained on the air.</p> <p>(b) Only one of the hour-long dramas remained on the air.</p> <p>(c) At least one of the shows that was cancelled was an hour-long drama.</p> <p>(d) Television viewers prefer sitcoms over hour-long dramas.</p> <p>17. Sara lives in a large city on the East Coast. Her younger cousin Marlee lives in the Midwest 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.</p>
--	--

**Model Test Paper 16**  
**General Study Paper II**

<p>(a) Marlee likes Sara better than Sara likes Marlee.</p> <p>(b) Sara thinks small towns are boring.</p> <p>(c) Sara is older than Marlee.</p> <p>(d) Marlee wants to move to the East Coast.</p> <p>18. The probability of having a girl is identical to the probability of having a boy. In a family with three children, what is the probability that all the children are of the same gender?</p> <p>(a) <math>\frac{1}{8}</math></p> <p>(b) <math>\frac{1}{6}</math></p> <p>(c) <math>\frac{1}{3}</math></p> <p>(d) <math>\frac{1}{4}</math></p> <p>19. On one side of a coin there is the number 0 and on the other side the number 1. What is the probability that the sum of three coin tosses will be 2?</p> <p>(a) <math>\frac{1}{8}</math></p> <p>(b) <math>\frac{1}{2}</math></p> <p>(c) <math>\frac{1}{5}</math></p> <p>(d) <math>\frac{3}{8}</math></p> <p>20. In a flower shop, there are 5 different types of flowers. Two of the flowers are blue, two are red and one is yellow. In how many different combinations of different colors can a 3-flower garland be made?</p> <p>(a) 4</p> <p>(b) 20</p>	<p>(c) 3</p> <p>(d) 5</p> <p>21. In a jar there are balls in different colors: blue, red, green and yellow. The probability of drawing a blue ball is <math>\frac{1}{8}</math>. The probability of drawing a red ball is <math>\frac{1}{5}</math>. The probability of drawing a green ball is <math>\frac{1}{10}</math>. If a jar cannot contain more than 50 balls, how many yellow balls are in the Jar?</p> <p>(a) 23</p> <p>(b) 20</p> <p>(c) 24</p> <p>(d) 17</p> <p>22. In a jar there are 3 red balls and 2 blue balls. What is the probability of drawing at least one red ball when drawing two consecutive balls randomly?</p> <p>(a) <math>\frac{9}{10}</math></p> <p>(b) <math>\frac{16}{20}</math></p> <p>(c) <math>\frac{2}{5}</math></p> <p>(d) <math>\frac{3}{5}</math></p> <p>23. 20 20 17 17 14 14 11</p> <p>(a) 8 8</p> <p>(b) 11 11</p> <p>(c) 11 14</p> <p>(d) 11 8</p>
--	--

**Model Test Paper 16**  
**General Study Paper II**

<p>24. 18 21 25 18 29 33 18</p> <p>(a) 43 18</p> <p>(b) 41 44</p> <p>(c) 37 18</p> <p>(d) 37 41</p> <p>25. 9 11 33 13 15 33 17</p> <p>(a) 19 33</p> <p>(b) 33 35</p> <p>(c) 33 19</p> <p>(d) 15 33</p> <p>26. Pride is to lion as school is to</p> <p>(a) teacher</p> <p>(b) student</p> <p>(c) self-respect</p> <p>(d) fish</p> <p>27. Guide is to direct as reduce is to</p> <p>(a) decrease</p> <p>(b) maintain</p> <p>(c) increase</p> <p>(d) preserve</p> <p>28. Yard is to inch as quart is to</p>	<p>(a) gallon</p> <p>(b) ounce</p> <p>(c) milk</p> <p>(d) liquid</p> <p>29. Reptile is to lizard as flower is to</p> <p>(a) petal</p> <p>(b) stem</p> <p>(c) daisy</p> <p>(d) alligator</p> <p>30. Elated is to despondent as enlightened is to</p> <p>(a) aware</p> <p>(b) ignorant</p> <p>(c) miserable</p> <p>(d) tolerant</p> <p>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</p>
--	--



**Model Test Paper 16**  
**General Study Paper II**

<p>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.</p>	<p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>
<p>31. Immanuel Kant’s theory about democratic peace was based on empirical evidence</p>	<p>34. The economic peace theory says that increased trade between liberal democracies helps avoid war</p>
<p>(a) True</p> <p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>	<p>(a) True</p> <p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>
<p>32. The rationale for the democratic peace theory is the accountability of a democratically elected government to its electorate</p>	<p>35. Dean Babst found statistical evidence that democracies do not fight in wars</p>
<p>(a) True</p> <p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>	<p>(a) True</p> <p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>
<p>33. The definitions of “democracy” and “peace” are divisive amongst political scientists</p>	<p>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</p>
<p>(a) True</p>	

**Model Test Paper 16**  
**General Study Paper II**

<p>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.</p>	<p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>
<p>36. The British Museum takes the view that the Parthenon sculptures transcend cultural and geographic boundaries</p>	<p>39. The only surviving Parthenon marbles are divided between the British Museum and the New Acropolis Museum</p>
<p>(a) True</p> <p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>	<p>(a) True</p> <p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>
<p>37. Prior to 1830, Greece was part of the Ottoman Empire</p>	<p>40. The Greek government argues that the British Museum should return wrongfully acquired cultural treasures to their country of origin</p>
<p>(a) True</p> <p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>	<p>(a) True</p> <p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>
<p>38. The public cannot understand why the Greek government want the Parthenon marbles returned</p>	<p>41. Salvador Dali's work is more popular than Andre Breton's output</p>
<p>(a) True</p>	<p>(a) True</p> <p>(b) False</p> <p>(c) Cannot say</p> <p>(d)</p>

Model Test Paper 16  
General Study Paper II

42. Some experimental writing is surreal

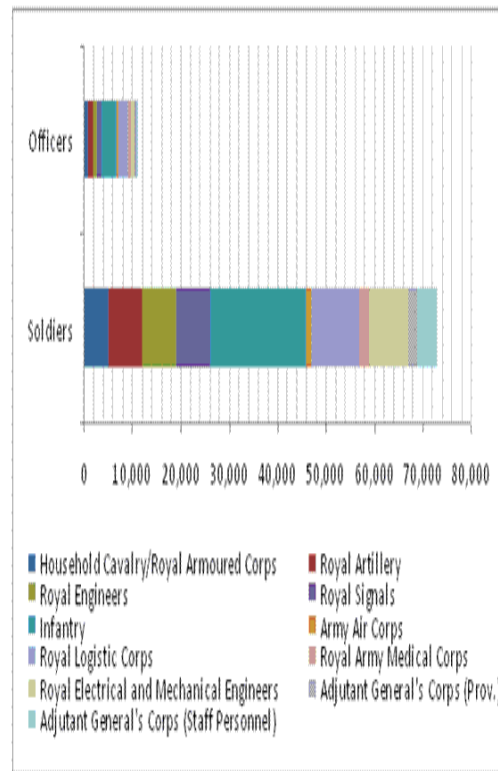
- (a) True
- (b) False
- (c) Cannot say
- (d)

43. Surrealist painting is renowned for the arbitrary portrayal of everyday objects

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

44. Salvador Dali was a French surrealist painter

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



45. Approximately what percentage of personnel were in the Infantry?

- (a) 10%
- (b) 20%
- (c) 30%
- (d) 40%

Model Test Paper 16  
General Study Paper II

46. Which of the following divisions had the highest ratio of officers to soldiers?

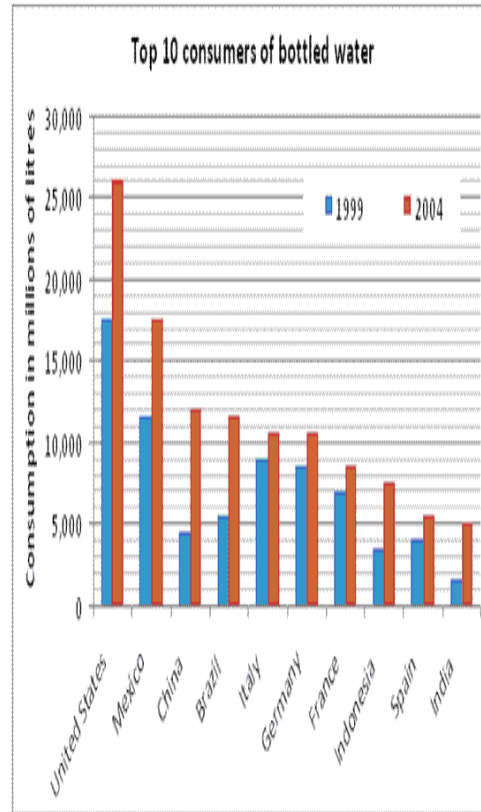
- (a) Royal Army Medical Corps
- (b) Household Cavalry/Royal Armoured Corps
- (c) Infantry
- (d) Adjutant General's Corps (Provost)

47. The total number of new trained soldiers was 20,964. Assuming each division has an equal percentage of new recruits, approximately how many of these soldiers would have been in the Royal Logistics Corps?

- (a) 2,900
- (b) 3,400
- (c) 4,400
- (d) 5,400

48. The total strength of the British soldiers 100 years ago was 372,000. By what percentage has the number of soldiers shrunk over the last 100 years?

- (a) 19%
- (b) 67%
- (c) 73%
- (d) 80%



49. Which country showed the greatest percentage increase in the consumption of bottled water between 1999 and 2004?

- (a) Brazil
- (b) India
- (c) China
- (d) Indonesia

Model Test Paper 16  
General Study Paper II

50. Assuming the consumption in the United States increased by the same percentage each year over the five year period, what was the annual percentage increase?

- (a) 8.24%
- (b) 8.67%
- (c) 8.91%
- (d) 9.52%

51. In Spain the consumption of bottled water continued to rise by 6% per annum for the next two years (2005 and 2006), but then the consumption in 2007 declined by 4% on the 2006 levels. What was the consumption (in millions of litres) in 2007?

- (a) 6,427
- (b) 6,083
- (c) 5,933
- (d) 5,606

52. A circular logo is enlarged to fit the lid of a jar. The new diameter is 50 per cent larger than the original. By what percentage has the area of the logo increased?

- (a) 50
- (b) 80
- (c) 100
- (d) 125

53.  $\{n$  denotes the number obtained when  $n$  is rounded to the nearest tenth. For example  $\{4.31 = 4.3$

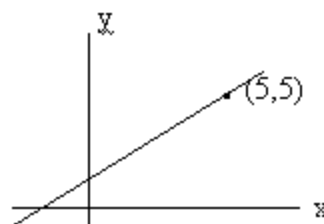
$$\{0.089 - \{1.135 =$$

- (a) 1.05
- (b) 1.04
- (c) -1.05
- (d) -1.0

54. Half the people on a bus get off at each stop after the first, and no one gets on after the first stop. If only one person gets off at stop number 7, how many people got on at the first stop?

- (a) 128
- (b) 64
- (c) 32
- (d) 16

55.



The slope of the line passing through the point (5,5) is  $\frac{5}{6}$ . All of the following points could be on the line except

**Model Test Paper 16**  
**General Study Paper II**

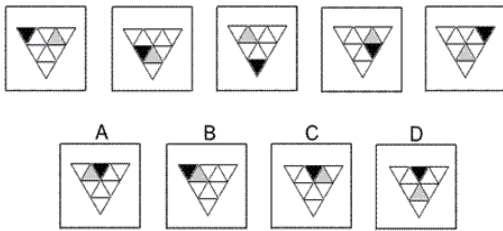
(a) (2.5, 2)

(b) (11, 10)

(c) (8, 7.5)

(d) (-1, 0)

56.



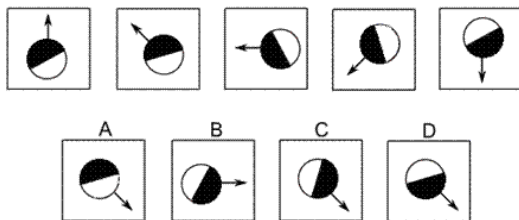
(a) A

(b) B

(c) C

(d) D

57.



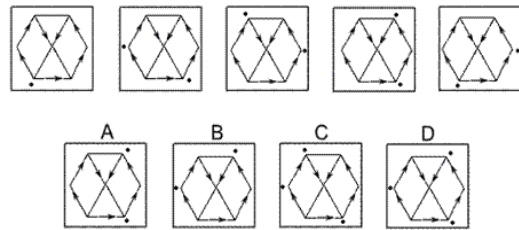
(a) A

(b) B

(c) C

(d) D

58.



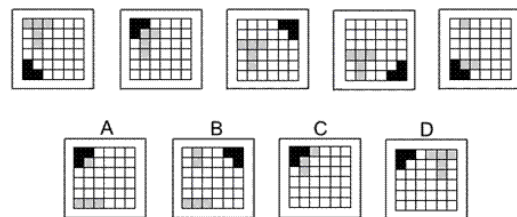
(a) A

(b) B

(c) C

(d) D

59.



(a) A

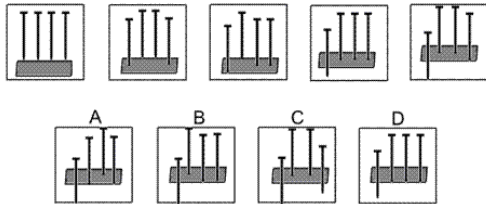
(b) B

**Model Test Paper 16**  
**General Study Paper II**

(c) C

(d) D

60.



(a) A

(b) B

(c) C

(d) D

61. Of the following, which is greater than  $\frac{1}{2}$  ?

(a)  $\frac{2}{5}$

(b)  $\frac{4}{7}$

(c)  $\frac{4}{9}$

(d)  $\frac{5}{11}$

62. If an object travels at five feet per second, how many feet does it travel in one hour?

(a) 30

(b) 720

(c) 1800

(d) 18000

63. What is the average (arithmetic mean) of all the multiples of ten from 10 to 190 inclusive?

(a) 90

(b) 95

(c) 100

(d) 105

64. A cubical block of metal weighs 6 pounds. How much will another cube of the same metal weigh if its sides are twice as long?

(a) 48

(b) 32

(c) 24

(d) 18

65. In a class of 78 students 41 are taking French, 22 are taking German and 9 students are taking both French and German. How many students are not enrolled in either course?

(a) 6

(b) 15

(c) 24

(d) 33

66. CONDUCTOR : ORCHESTRA

(a) jockey : mount

(b) thrasher : hay

(c) driver : tractor

(d) skipper : crew

**Model Test Paper 16**  
**General Study Paper II**

<p>67. JAUNDICE : LIVER</p> <p>(a) rash : skin</p> <p>(b) dialysis : kidney</p> <p>(c) smog : lung</p> <p>(d) valentine : heart</p> <p>68. COBBLER : SHOE</p> <p>(a) jockey : horse</p> <p>(b) contractor : building</p> <p>(c) mason : stone</p> <p>(d) cowboy : boot</p> <p>69. PHOBIC : FEARFUL</p> <p>(a) finicky : thoughtful</p> <p>(b) cautious : emotional</p> <p>(c) envious : desiring</p> <p>(d) asinine : silly</p> <p>70. INTEREST : OBSESSION</p> <p>(a) mood : feeling</p> <p>(b) weeping : sadness</p> <p>(c) dream : fantasy</p> <p>(d) plan : negation</p>	<p>71. Choose the word that is a necessary part of: language</p> <p>(a) tongue</p> <p>(b) slang</p> <p>(c) writing</p> <p>(d) words</p> <p>72. Choose the word that is a necessary part of: desert</p> <p>(a) cactus</p> <p>(b) arid</p> <p>(c) oasis</p> <p>(d) flat</p> <p>73. Choose the word that is a necessary part of: lightning</p> <p>(a) electricity</p> <p>(b) thunder</p> <p>(c) brightness</p> <p>(d) rain</p> <p>74. Choose the word that is a necessary part of: monopoly</p> <p>(a) corrupt</p> <p>(b) exclusive</p> <p>(c) rich</p> <p>(d) gigantic</p>
--	--



**Model Test Paper 16**  
**General Study Paper II**

<p>75. Choose the word that is a necessary part of: harvest</p> <p>(a) autumn (b) stockpile (c) tractor (d) crop</p> <p>76. Two dice are thrown simultaneously. Find the probability of getting A total of at least 0</p> <p>(a) <math>1/4</math> (b) <math>1/5</math> (c) <math>1/6</math> (d) <math>1/7</math></p> <p>77. A bag contains '6' red, 4 white and 8 blue balls. If three balls are drawn at random, find the probability, that none is red</p> <p>(a) <math>51/204</math> (b) <math>53/204</math> (c) <math>55/204</math> (d) <math>59/204</math></p> <p>78. In a lottery of 50 tickets numbered from '1' to '50' two tickets are drawn simultaneously. Find the probability that: Both the tickets drawn have prime number on them</p> <p>(a) <math>19/245</math> (b) <math>4/49</math></p>	<p>(c) <math>21/245</math> (d) <math>22/245</math></p> <p>79. The probability that a contractor will get a contract is '<math>2/3</math>' and the probability that he will get on other contract is <math>5/9</math> . If the probability of getting at least one contract is <math>4/5</math>, what is the probability that he will get both the contracts ?</p> <p>(a) <math>7/45</math> (b) <math>8/45</math> (c) <math>17/45</math> (d) <math>19/45</math></p> <p>80. To win a game, I must do three things: Flip heads on a fair coin toss, roll a composite number on a number cube, and spin a 2 on a spinner with three equal areas, each labeled with a different number 1-3. What is the probability that I win the game?</p> <p>(a) <math>1/8</math> (b) <math>1/18</math> (c) <math>1/9</math> (d) <math>2/9</math></p>
--	---

Model Test Paper 16  
General Study Paper II

--	--

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"/>
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		66	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		67	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		68	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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"/>
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		70	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		71	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		72	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		73	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		74	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		75	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		76	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		77	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		78	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		79	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		60	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		80	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>