



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &


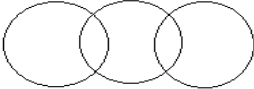
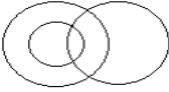
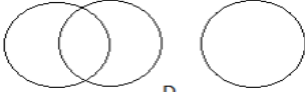
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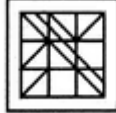


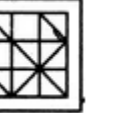
COIMBATORE-641 035, TAMIL NADU



19GEB379 & EMPLOYABLE SKILL DEVELOPMENT

QUESTION BANK

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| 1) | <p>Which of the following diagrams correctly represents lions, elephants, and animals?</p> <div><p>A</p><p>B</p><p>C</p><p>D</p></div> <p>a) A b) B c) C d) D</p> |
| 2) | <p>Mumbai: Maharashtra :: ? : Rajasthan</p> <p>a) Bhopal b) Chandigarh c) Jaipur d) Chennai</p> |
| 3) | <p>Calculate the remainder for the number 3697 when it is divided by 2?</p> <p>a) 2 b) 5 c) 1 d) 10</p> |
| 4) | <p>The quadratic formula to find the roots of a quadratic equation $ax^2 + bx + c = 0$ is given by</p> <p>a) $[-b \pm \sqrt{(b^2-ac)}]/2a$ b) $[-b \pm \sqrt{(b^2-2ac)}]/a$ c) $[-b \pm \sqrt{(b^2-4ac)}]/4a$ d) $[-b \pm \sqrt{(b^2-4ac)}]/2a$</p> |
| 5) | <p>How many three-digit numbers are divisible by 5?</p> <p>a) 160 b) 170 c) 180 d) 190</p> |
| 6) | <p>Look at the series; 41, 39, 35, 33, 29, __, which number should come next?</p> <p>a) 23</p> |



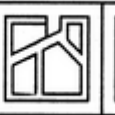


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| | b) 25 c) 24 d) 27 |
| 7) | If HONEST is coded as NOHTSE and JOYFUL is coded as YOJLUF, LOVING is coded as a) VOLGNI b) VOLGNI c) GNIVOL d) LNIVOG |
| 8) | A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is in second position from the right. A is to the right of B and E. A and C are sitting together. In which position is A sitting? a) Between B and D c) Between E and D b) Between B and C d) Between C and E |
| 9) | Find out the alternative figure which contains figure (X) as its part.      (X) (1) (2) (3) (4) a) 1 b) 2 c) 3 d) 4 |
| 10) | Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary. Who is sitting immediate right to Reeta ? a) Reeta c) Bindu b) Mary d) Seema |
| 11) | A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting ? a) Between B and D b) Between B and C c) Between E and D d) Between C and E |
| 12) | A, P, R, X, S and Z are sitting in a row. S and Z are in the center. A and P are at the ends. R is sitting to the left of A. Who is to the right of P? a) A b) S c) X d) Z |
| 13) | Calculate how many numbers between 1 and 100, including both are divisible by 9 or 4. a) 34 b) 23 |

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| | c) 45 d) 13 |
| 14) | The sum of two numbers is 27 and product is 182. The numbers are: a) 12,13 b) 13,14 c) 12,15 d) 13,24 |
| 15) | Joke: Laughter :: a) Story: Mystery c) Eyes: Tears b) Horror: Fear d) Actor: Acting |
| 16) | How many brothers does Rahul have? I. Rahul's father has three children. II. Rahul has one sister. a) Statement I alone is sufficient, but statement II alone is not sufficient b) Data in both the statements together are not sufficient c) Statement II alone is sufficient, but statement I alone is not sufficient d) Both I and II are needed |
| 17) | <p>Which of the following diagrams correctly shows the relationship between boys, athletes, and students?</p> <div style="text-align: center;"> <p style="margin-left: 100px;">A B</p> <p style="margin-left: 100px;">C D</p> </div> <p>a) A b) B c) C d) D</p> |
| 18) | In a certain code, AIRLINE is written as ENILRIA7. How is RAILWAY written in that code? a) YAWLIAR7 c) ARLIAYY7 b) YAWLIAR8 d) LIALYAW8 |
| 19) | Careful is to careless as honest is to a) Honesty c) truthful b) Clever d) Corrupt |

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| 20) | What is the value of $(\tan^2 \theta - \sec^2 \theta)$? a) 2 b) - 1 c) 1 d) None of the above |
| 21) | If the value of $\sin A + \operatorname{cosec} A = 2$, then what is the value of $\sin^7 A + \operatorname{cosec}^7 A$? a) 0 b) 1 c) 2 d) 3 |
| 22) | Deepak, Rahul, Manoj, and Kapil are brothers. Who is the heaviest? I. Rahul is heavier than Deepak and Kapil, but lighter than Manoj. II. Deepak is lighter than Rahul and Manoj, but heavier than Kapil. a) Statement I alone is sufficient, but statement II alone is not sufficient b) Either I or II is sufficient c) Statement II alone is sufficient, but statement I alone is not sufficient d) Data in both the statements together are not sufficient |
| 23) | If the value of $\alpha + \beta = 900$, and $\alpha : \beta = 2 : 1$, then what is the ratio of $\cos \alpha$ to $\cos \beta$? a. 1 : 3 b. 1 : 3 c. 1 : $\sqrt{3}$ d. $\sqrt{3} : 1$ |
| 24) | The solution of the equation $3x+7 = -20$ a) 17/7 b) -9 c) 9 d) 13/3 |
| 25) | Choose the correct alternative that will continue the same pattern and find out the wrong/odd number from the given series. 110 120 125 135 140 150 155 a) 170 165 b) 160 170 c) 160 175 d) 165 170 |
| 26) | In the mountainous Coorg or Kodagu district in the neighbouring state of Karnataka, thousands of people have been _____ because of torrential rains. a) isolate b) stranding c) seclusion d) marooned |
| 27) | A leader is to guide as reduce is to a) Increase c) Save b) Decrease |

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| | d) Preserve |
| 28) | <p>27% of 450 – ?% of 375 = 76.5</p> <p>a) 12</p> <p>b) 11</p> <p>c) 13</p> <p>d) 14</p> |
| 29) | <p>A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting ?</p> <p>a) Between B and D</p> <p>c) Between E and D</p> <p>b) Between B and C</p> <p>d) Between C and E</p> |
| 30) | <p>Calculate the number of real roots of the quadratic equation $a^2+5a+6=0$?</p> <p>a) 7</p> <p>b) 4</p> <p>c) 1</p> <p>d) 2</p> |
| 31) | <p>Uncontrolled growth of cities at the expense of the environment will severely _____ the impacts of climate change.</p> <p>A) exemplify</p> <p>B) extol</p> <p>C) exacerbate</p> <p>D) mitigate</p> |
| 32) | <p>Choose the correct alternative that will continue the same pattern and find out the wrong/odd number from the given series 18 22 22 26 30 22 34</p> <p>a) 38 32</p> <p>b) 38 22</p> <p>c) 22 38</p> <p>d) 32 36</p> |
| 33) | <p>Senators from urban areas are very concerned about assuring that there will be funding for a new international airport. Senators from rural areas refuse to fund anything until money for agricultural subsidies is appropriate. If the legislature funds these two programs, on which of the following could they spend the rest of the money?</p> <p>a) the school music program and national radio</p> <p>b) hurricane preparedness</p> <p>c) harbor improvements and the school music program</p> <p>d) national radio and senate office building remodeling</p> |
| 34) | <p>The small child does whatever his father was done.</p> <p>a) has done</p> <p>b) has done</p> <p>c) did</p> <p>d) did</p> |
| 35) | Which letter should come next in the series, Q, J, E, B, _? |

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| | a) A b) C c) Z d) X |
| 36) | Which of the following is always associated with a bargain? a) Discount c) Dishonesty b) Honesty d) Exchange |
| 37) | Calculate the smallest integer, which is a multiple of 3, 5, and 10. a) 52 b) 20 c) 30 d) 35 |
| 38) | Which number should come next in the series, 12, 36, 109, 329, _? a) 990 b) 990 c) 940 d) 890 |
| 39) | It being given that : > denotes +, < denotes -, + denotes +, - denotes =, = denotes less than' and x denotes 'greater than', find which of the following is a correct statement. (a) $3 + 2 > 4 < 9 + 3 < 2$ (b) $3 > 2 > 4 = 18 + 3 < 1$ (c) $3 > 2 < 4 \times 8 + 4 < 2$ (d) $3 + 2 < 4 \times 9 + 3 < 3$ |
| 40) | 41.6% of 3500 + 800% of 5 + 701 = ? a) 9 b) 11 c) 13 d) 15 |
| 41) | If the equation $4x^2 + x(p+1) + 1 = 0$ has exactly two equal roots, one of the values of p is a) 5 b) -3 c) 0 d) 3 |
| 42) | A diamond must have a) Brilliance c) Hardness b) Conductivity d) Sharpness |
| 43) | They were all shocked at his failure in the competition. a) were shocked at all b) were shocked at all c) had all shocked at d) no corrections |

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| 44) | <p>Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary. Who is sitting immediately right to Reeta?</p> <p>a) Bindu c) Mary b) Rani d) Seema</p> | | | | | | | | | | | | |
| 45) | <p>Change the following sentences from active voice to passive voice. “Raj caught the ball.”</p> | | | | | | | | | | | | |
| 46) | <p>Question no(30 -35)</p> <p>According to a report in yesterday’s newspaper 1. _____ police dog was taken to Raj Bhavan 2. _____ Monday. This was to trace the 3. _____ of the "very important horse" which 4. _____ reported missing on Sunday. The dog picked 5. _____ the scent on some traces of 6. _____ and ran a few yards before losing the 7. _____. The police have launched a vigorous 8. _____ into the whole affair. They have 9. _____ the services of a forensic expert, 10. _____ fingerprint expert and a photographer. 11. _____ are now fourteen horses at Raj Bhavan 12. _____ are kept in a large shed near the gate.</p> <table border="1"> <tbody> <tr> <td>1. a) Once b) a c) new</td><td>2. a) at b) next c) on</td></tr> <tr> <td>3. a) killers b) dog c) police</td><td>4. a) has b) were c) was</td></tr> <tr> <td>5. a) on b) at c) up</td><td>6. a) those b) blood c) report</td></tr> <tr> <td>7. a) bet b) track c) game</td><td>8. a) search b) investigation c) campaign</td></tr> <tr> <td>9. a) given up b) requisitioned c) report</td><td>10. a) a b) an c) two</td></tr> <tr> <td>11. a) There b) We c) So</td><td>12. a) who b) were c) which</td></tr> </tbody> </table> | 1. a) Once b) a c) new | 2. a) at b) next c) on | 3. a) killers b) dog c) police | 4. a) has b) were c) was | 5. a) on b) at c) up | 6. a) those b) blood c) report | 7. a) bet b) track c) game | 8. a) search b) investigation c) campaign | 9. a) given up b) requisitioned c) report | 10. a) a b) an c) two | 11. a) There b) We c) So | 12. a) who b) were c) which |
| 1. a) Once b) a c) new | 2. a) at b) next c) on | | | | | | | | | | | | |
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| 11. a) There b) We c) So | 12. a) who b) were c) which | | | | | | | | | | | | |
| 47) | <p>Amit said,” I have washed my jeans yesterday.”</p> <p>a) Amit says that he had washed his jeans the day before b) Amit said that he had washed his jeans yesterday. c) Amit said that he had washed his jeans the day before d) Amit said that he had been washing his jeans the day before.</p> | | | | | | | | | | | | |
| 48) | <p>Find out the alternative figure which contains figure (X) as its part.</p> <div style="display: flex; align-items: center; gap: 10px;">      </div> <p>(X) (1) (2) (3) (4)</p> | | | | | | | | | | | | |

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| | a) 1 b) 2 c) 3 d) 4 |
| 49) | <p>There are 8 houses in a line and in each house only one boy lives with the conditions as given below:</p> <ol style="list-style-type: none"> Jack is not the neighbor Siman. Harry is just next to the left of Larry. There is at least one to the left of Larry. Paul lives in one of the two houses in the middle. Mike lives in between Paul and Larry. <p>If at least one lives to the right of Robert and Harry is not between Taud and Larry, then which one of the following statements is not correct?</p> <ol style="list-style-type: none"> Robert is not at the left end. Robert is in between Simon and Taud. Taud is in between Paul and Jack. There are three persons to the right of Paul. |
| 50) | <p>X exceeds 3 by 7, can be represented as</p> <ol style="list-style-type: none"> $X+3 = 2$ $X + 7 = 3$ $X-3 = 7$ $X-7 = 3$ |
| 51) | <p>No sooner do the bells ring than the curtain rose.</p> <ol style="list-style-type: none"> did the bell ring did the bell ring did the bells ring did the bells ring |
| 52) | <p>Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) to make a meaningful paragraph and answer the questions that follow.</p> <p>A. The ceiling of Rs. 2000 on cash donation might inconvenience parties to some extent but is unlikely to stop the disguising of huge cash donations from corporate houses and vested interests.</p> <p>B. But his proposals are doomed to fail, not because they do not go far enough but because they go in the wrong direction.</p> <p>C. All that the parties will now have to do is find more people to lend their names as cash donors.</p> <p>D. In the public mind, political corruption is the source of most forms of corruption.</p> <p>E. No doubt, the Finance Minister was seeking to address this concern about the lack of transparency in the funding of political parties when he announced measures to cleanse the process of making donations towards election expenses of parties.</p> <p>F. The proposal does not disrupt the flow of illicit political donations but only channels it differently, and will not reduce the proportion of cash from unverifiable sources in the total donations received.</p> <p>Which of the following would be the THIRD sentence after rearrangement?</p> <ol style="list-style-type: none"> A B C D |
| 53) | <p>We must _____ this crisis to strengthen our commitment to implement our environment conservation goals.</p> <ol style="list-style-type: none"> make haste to seize the opportunity of leverage the situation presented by <ol style="list-style-type: none"> Only 2 Only 1 and 3 |

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| | c) Only 1 and 2 d) Only 2 and 3 | | | | | | |
| 54) | Directions: A statement is followed by two inferences I and II. You have to consider the statement to be true even if it seems at variance from commonly known facts. You have to decide which of the given inferences, if any, follow from the given statement. Statement: Failure gives a sense of clarity, teaches how to take a better path to reach where one wants to. Inferences: I. Failure helps to find the right direction in life. II. Those who never fail are always lost. a) Only inference I follows. b) Only inference II follows. c) Both the inferences follow. d) None of the inferences follow. | | | | | | |
| 55) | They have a scheme of rewarding the best of the performers every year. a) a best performer b) a best performer c) the best among the performer d) no correction | | | | | | |
| 56) | Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) to make a meaningful paragraph and answer the questions that follow. (A) According to it, organized retail stores are not wolves at the doors of friendly neighborhood grocery stores as there is room for expansion of both. (B) Many have been crying foul over the entry of organized retail stores expressing concern over their impact on small store owners. (C) The final winner in the competition, however, is the common man who gets to choose between the most suitable options and in turn fights with the runaway inflation in prices of essential commodities. (D) In spite of this potential for expansion, it is doubtless that the small store owners face a decline in profit in the initial years if organized retailers set up stores in the vicinity. (E) But a study conducted over a period of two years goes a long way allaying these fears. (F) This impact, however, wears off once they learn to take of the competition which in turn enhances efficiency all around. Which of the following would be the SECOND sentence after rearrangement? a) A b) C c) D d) E | | | | | | |
| 57) | Which of the following equations cannot be formed by the equation $x=7$? a) $2x+1 = 15$ b) $7x - 1 = 50$ c) $X - 3 = 4$ d) $(x/7) - 1 = 0$ | | | | | | |
| 58) | Arrange the words given below in a meaningful sequence. <table border="1"><tr><td>1. Key</td><td>2. Door</td><td>3. Lock</td></tr><tr><td>4. Room</td><td>5. Switch on</td><td></td></tr></table> a) 5, 1, 2, 4, 3 b) 1, 3, 2, 4, 5 c) 4, 2, 1, 5, 3 d) 1, 2, 3, 5, 4 | 1. Key | 2. Door | 3. Lock | 4. Room | 5. Switch on | |
| 1. Key | 2. Door | 3. Lock | | | | | |
| 4. Room | 5. Switch on | | | | | | |
| 59) | Despite the attack on oil fields, the country is well _____ to tide over any supply _____. | | | | | | |

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| | <p>1. Suppressed, Surplus 2. Positioned, Disruption 3. Obsessed, Retrieve</p> <p>a) Only 1 and 3 b) Only 2 and 3 c) Only 2 d) Only 3</p> | | | | |
| 60) | <p>Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) to make a meaningful paragraph and answer the questions that follow.</p> <p>A. The ceiling of Rs. 2000 on cash donation might inconvenience parties to some extent but is unlikely to stop the disguising of huge cash donations from corporate houses and vested interests. B. But his proposals are doomed to fail, not because they do not go far enough but because they go in the wrong direction. C. All that the parties will now have to do is find more people to lend their names as cash donors. D. In the public mind, political corruption is the source of most forms of corruption. E. No doubt, the finance minister was seeking to address this concern about the lack of transparency in the funding of political parties when he announced measures to cleanse the process of making donations towards election expenses of parties. F. The proposal does not disrupt the flow of illicit political donations but only channels it differently and will not reduce the proportion of cash from unverifiable sources in the total donations received.</p> <p>Which of the following would be the LAST sentence after rearrangement?</p> <p>a) E b) F c) D d) C</p> | | | | |
| 61) | <p>Which of the following would be the FOURTH sentence after rearrangement?</p> <p>a) A b) C c) D d) E</p> | | | | |
| 62) | <p>Change the following sentences from active voice to passive voice. “The people were helping the wounded woman”</p> | | | | |
| 63) | <p>If + means +, – means x, + means + and x means then $36 \times 12 + 4 + 6 + 2 - 3 = ?$</p> <p>(a) 2 (b) 18 (c) 42 (d) 6</p> | | | | |
| 64) | <p>Childhood is a time when there are 1._____ responsibilities to make life difficult. If a child 2._____ good parents, he is fed, looked 3._____ and loved, whatever he may do, it is improbable that he will ever again in his life 4._____ given so much without having to do anything 5._____ return. In addition, life is always 6._____ new things to the child. A child finds 7._____ in playing in the rain or in the snow. His first visit 8._____ the seaside is marvellous adventure. But a child has his pains; he is not free to do as he wishes; he is continually being 9._____ not to do things or is being 10._____. His life is therefore not perfectly happy.</p> <table border="1"> <tr> <td>1. a) can b) shall c) should</td><td>2. a) ourselves b) heads c) hands</td></tr> <tr> <td>3.</td><td>4.</td></tr> </table> | 1. a) can b) shall c) should | 2. a) ourselves b) heads c) hands | 3. | 4. |
| 1. a) can b) shall c) should | 2. a) ourselves b) heads c) hands | | | | |
| 3. | 4. | | | | |

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| | a) goal b) intention c) wish | a) enforcing b) enacting c) passing |
| | 5. a) presentation b) understanding c) vision | 6. a) consent b) co-operation c) willingness |
| | 7. a) of b) about c) over | 8. a) by b) through c) from |
| | 9. a) behaviour b) confrontation c) means | 10. a) discussion b) bargaining c) argument |
| 65) | Which of the following would be the SECOND sentence after rearrangement? a) B b) D c) C d) E | |
| 66) | If one root of equation $4x^2 - 2x + k - 4 = 0$ is reciprocal of the other. The value of k is: a) -8 b) -4 c) 8 d) 4 | |
| 67) | Ram said to me, "I am sorry to hear that you have lost your dad" a) Ram told me I was sorry I had lost my dad b) Ram was sorry I had lost my dad c) Ram comforted me on the death of my dad d) Ram sympathized me on hearing I had lost my dad | |
| 68) | In each of the following questions, which one of the four interchanges in signs and numbers would make the given equation correct : $6 \times 4 + 2 = 16$ (a) + and x, 2 and 4 (b) + and x, 2 and 6 (c) + and x, 4 and 6 (d) None of these | |
| 69) | Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) to make a meaningful paragraph and answer the questions that follow. (A) According to it, organized retail stores are not wolves at the doors of friendly neighborhood grocery stores as there is room for expansion of both. (B) Many have been crying foul over the entry of organized retail stores expressing concern over their impact on small store owners. (C) The final winner in the competition, however, is the common man who gets to choose between the most suitable options and in turn fights with the runaway inflation in prices of essential commodities. (D) In spite of this potential for expansion, it is doubtless that the small store owners face a decline in profit in the initial years if organized retailers set up stores in the vicinity. (E) But a study conducted over a period of two years goes a long way allaying these fears. (F) This impact, however, wears off once they learn to take of the competition which in turn enhances efficiency all around. Which of the following would be the LAST (SIXTH) sentence after rearrangement? a) A b) B c) C | |

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| | d) D |
| 70) | <p>The sum of the reciprocals of the Rehman's ages 3 years ago and 5 years from now is $\frac{1}{3}$. The present age of Rehman is:</p> <p>a) 7 b) 5 c) 10 d) 6</p> |
| 71) | <p>Peace Prize winners. Each of these organizations follows a rigorous selection process to _____ (C) the most deserving candidates. The nomination process is highly confidential and begins with invitations to recognized experts in each field to submit nominations. This secrecy ensures that the committees can _____ (D) without external pressures. Following a detailed review and evaluation of all nominations, the laureates are announced in October, and the awards are presented in December. The award ceremonies are grand events, _____(E) attended by members of the Swedish and Norwegian royal families, adding a touch of regal splendor to the proceedings. Which of the following phrases most appropriately fits the blank labelled (E) ?</p> <p>a) more often than not b) like a well-oiled machine c) head over heels d) in the public eye</p> |
| 72) | <p>The yacht club members were excited about conditions on the loch. Loch means...</p> <p>a) Water. b) Lake. c) Gulf. d) Ocean.</p> |
| 73) | <p>The attorney accused the witness of defaming the defendant. Defaming means...</p> <p>a) Killing. b) Badgering. c) Suffocating. d) Slandering.</p> |
| 74) | <p>If – means \times, \times means +, + means \div, and \div means then $40 \times 12 \div 3 - 6 \div 60 = ?$</p> <p>(a) 7.95 (b) 16 (c) 44 (d) None of these</p> |
| 75) | <p>It being given that : > denotes +, < denotes -, + denotes \times, - denotes \div, = denotes less than' and \times denotes 'greater than', find which of the following is a correct statement.</p> <p>(a) 7.95 (b) 16 (c) 44 (d) None of these</p> |