

UP-VDO MOCK TEST - 4 (SOLUTION)

51. (C) As, Farad is the SI unit of capacitance. Similarly, **Pascal** is the SI unit of Pressure

52. (C) As, offsprings of frog are called tadpole Similarly, offsprings of Butterfly are called **caterpillar**

53. (D) As, Cow has 4 legs, Similarly, Spider has **8 legs**

54. (A) As, $9 \times 9 + 9 = 90$ Similarly, $5 \times 5 + 5 = 30$

55. (D) As, $\begin{matrix} A & C & E & G & : & T & U & X & Z \\ \uparrow & \uparrow & \uparrow & \uparrow & & \uparrow & \uparrow & \uparrow & \uparrow \\ & & & & & & & & \end{matrix}$
opposite alphabets

Similarly, $\begin{matrix} F & H & J & L & : & O & Q & S & U \\ \uparrow & \uparrow & \uparrow & \uparrow & & \uparrow & \uparrow & \uparrow & \uparrow \end{matrix}$

56. (B) As, $\begin{matrix} F & R & O & Z & E & N & : & G & T & R & D & J & T \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +1 & & +2 & & +3 & & & +4 & & +5 & & +6 & \end{matrix}$

Similarly, $\begin{matrix} L & I & B & E & R & A & L & : & M & K & E & I & W & G & S \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +1 & & +2 & & +3 & & +4 & & +5 & & +6 & & +7 & \end{matrix}$

57. (A) As, $\sqrt[3]{729} = 9$ Similarly, $\sqrt[3]{12167} = 23$

58. (C) As, $\begin{matrix} K & I & T & E & : & 05 & 20 & 09 & 11 \\ \uparrow & \uparrow & \uparrow & \uparrow & & \uparrow & \uparrow & \uparrow & \uparrow \\ & & & & & & & & \end{matrix}$
Position in English alphabets

Similarly, $\begin{matrix} S & N & A & K & E & : & 05 & 11 & 01 & 14 & 19 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ & & & & & & & & & & \end{matrix}$
Position in English alphabets

59. (D) As, $783 : 5832 \rightarrow (7 + 8 + 3)^3 = 5832$ Similarly, $969 : 13824 \rightarrow (9 + 6 + 9)^3 = 13824$

60. (D) Except options 'D', others are square of prime numbers.

61. (D) '6' completely divides $3 \times 2 \times 1$
'7' completely divides $2 \times 8 \times 7$
'3' completely divides $7 \times 3 \times 3 \times 1$
'8' does not completely divides $2 \times 3 \times 1$

62. (C) $\begin{matrix} A & C & E & G \\ \uparrow & \uparrow & \uparrow & \uparrow \\ +2 & +2 & +2 & +2 \end{matrix}$ $\begin{matrix} L & N & P & R \\ \uparrow & \uparrow & \uparrow & \uparrow \\ +2 & +2 & +2 & +2 \end{matrix}$

$\begin{matrix} R & T & V & Y \\ \uparrow & \uparrow & \uparrow & \uparrow \\ +2 & +2 & +3 & +3 \end{matrix}$ $\begin{matrix} V & X & Z & B \\ \uparrow & \uparrow & \uparrow & \uparrow \\ +2 & +2 & +2 & +2 \end{matrix}$

63. (D) Except 'Bat', others belong to the family of reptiles whereas bat belongs to the family of mammals.

64. (C) Except 'Drab', others are synonyms of beautiful.

65. (D) $\begin{matrix} D & G & G & J & O & T & M & O \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +3 & +3 & +3 & +3 & +3 & +3 & +2 & +2 \end{matrix}$

66. (B) Fruits
 $\begin{matrix} \text{Banana} & \text{Orange} & \text{Patato} \\ \uparrow & \uparrow & \uparrow \end{matrix}$

67. (B) $\begin{matrix} \text{Flower} & \text{Red} & \text{Cloth} \\ \uparrow & \uparrow & \uparrow \end{matrix}$

68. (B) $\begin{matrix} \text{Mango} & \text{Orange} & \text{Blue} \\ \uparrow & \uparrow & \uparrow \\ & & \text{Black} \end{matrix}$

Conclusion: I. True
II. Can't say
III. Can't say
 \therefore Only I and either II or III follows.

69. (C) $\begin{matrix} \text{Power} & \text{Buses} & \text{Flowers} \\ \uparrow & \uparrow & \uparrow \end{matrix}$

Conclusion: I. True
II. True
 \therefore Both follow

70. (D) $\begin{matrix} \text{Toys} & \text{Ball} & \text{Football} \\ \uparrow & \uparrow & \uparrow \end{matrix}$

Conclusion: I. Can't say
II. Can't say
 \therefore Either I or II follows.

71. (B) $\begin{matrix} 1 & 3 & 11 & 47 & 239 & 1439 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ \times 2+1 & \times 3+2 & \times 4+3 & \times 5+4 & \times 6+5 & \end{matrix}$

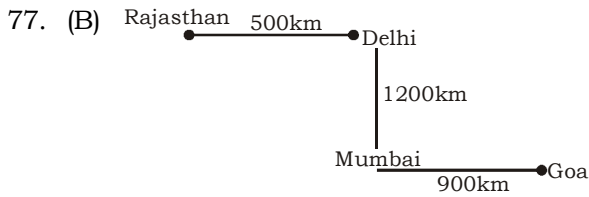
72. (D) $\begin{matrix} 1 & 2 & 4.5 & 11 & 30 & 93 & 329 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ \times 1+1 & \times \frac{3}{2}+\frac{3}{2} & \times 2+2 & \times \frac{5}{2}+\frac{5}{2} & \times 3+3 & \times \frac{7}{2}+\frac{7}{2} & \end{matrix}$

73. (C) $\begin{matrix} 4 & 10 & 22 & 46 & 94 & 190 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ \times 2+2 & \times 2+2 & \times 2+2 & \times 2+2 & \times 2+2 & \end{matrix}$

74. (A) $\begin{matrix} B & E & I & U & D & B & M & P & F & Y & Q & K & H & V & U & F & J & S & Y & A \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +2 & +4 & +4 & +4 & +4 & +4 & +4 & +4 & +4 & +4 & +4 & +4 & +2 & +2 & +2 & +2 & +2 & +2 & +2 \end{matrix}$

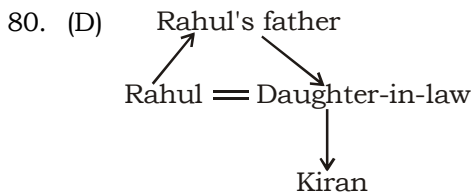
75. (B) $\begin{matrix} B & C & E & H & L & O \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +1 & +2 & +3 & +4 & +5 & \end{matrix}$

76. (D) $\begin{matrix} DE & IK & NP & SU & XZ \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +5 & +5 & +5 & +5 & +5 \end{matrix}$

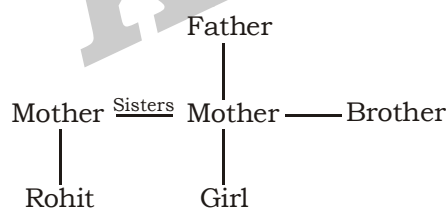
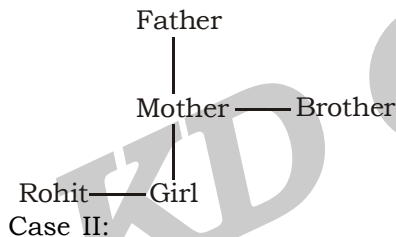


Required distance = $\sqrt{(1200)^2 + (500)^2}$
 $= \sqrt{1690000} = \mathbf{1300 \text{ km}}$

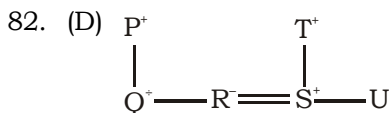
78. (A) Only assumption I is implicit
 \therefore Such decisions as given in the statement are taken only after taking the existing vacancies into consideration.
79. (A) Only assumption I in implicit.
 \therefore The statement mention that if the people ask about your tailor, your suit is good. Which means that people ask only in the situation when the thing in good.



- \therefore Kiran in **daughter** of Rahul
81. (D) Case I:



\therefore Girl's mother can be mother or aunt of Rohit.



- \therefore R is sister-in-law of U.
83. (B) \therefore P is father-in-law of S.
84. (D) \therefore Gender of U is not specified. Hence, relation cannot be established.

85. (C) 86. (A) 87. (B)
88. (A) **CHAPTER**, cannot be written using the letters of the word CHARACTERISTICS.

89. (A) 55 minute space is covered in 60 minute.

60 minute space is covered in $\left(\frac{60}{55} \times 60\right)$

minute = $65 \frac{5}{11}$ minute.

loss in 64 minute = $65 \frac{5}{11} - 64$
 $= \frac{16}{11}$ minute

loss in 24 hours = $\frac{16}{11} \times \frac{1}{64} \times 24 \times 60$
 $= \mathbf{32 \frac{8}{11} \text{ minute.}}$

90. (B) Required angle = $\left(\frac{11}{2}(40) - 30(5)\right)$
 $= 220 - 150 = \mathbf{70^\circ}$

91. (C) Required number of ways = $8! \times 5!$
 $= \mathbf{4838400}$

92. (C)

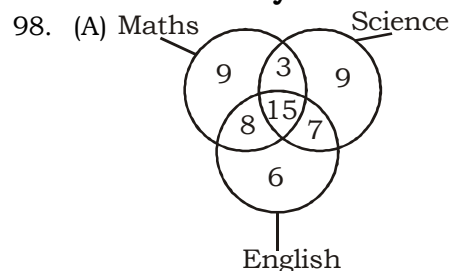
Ratio of 50 paise to 25 paise coin
 $= 925 : 575 = 37 : 23$.

Required number of coins = **37**

93. (B) $\frac{C}{R} \frac{B}{S} \frac{A}{Q} \frac{D}{T} \frac{E}{P} \downarrow$

94. (B) 95. (A) 96. (C) \uparrow

97. (C) Let, the required number of days be 'n'
 $\frac{10 \times 80}{7200} = \frac{6 \times n}{5400}$
n = 100 days



Required percentage = $100 - (15 + 3 + 7 + 8 + 9 + 9 + 6) = \mathbf{43}$

99. (B) Let the number of friends who decided to go on picnic be 'x'.

$\frac{126}{x-3} - \frac{126}{x} = 21$
 $x = 6$

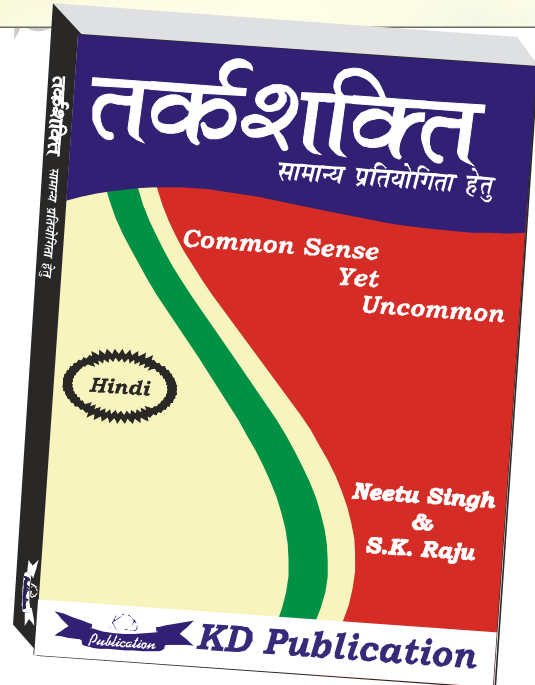
Number of friends who attended picnic = $6 - 3 = \mathbf{3}$

100. (B) Tiger Eagle

\therefore Required number of Tigers in **93**.

UP-VDO MOCK TEST – 4 (ANSWER KEY)

- | | | | | | |
|-----|-----|------|-----|------|-----|
| 1. | (A) | 51. | (C) | 101. | (D) |
| 2. | (A) | 52. | (C) | 102. | (C) |
| 3. | (C) | 53. | (D) | 103. | (D) |
| 4. | (C) | 54. | (A) | 104. | (A) |
| 5. | (B) | 55. | (D) | 105. | (A) |
| 6. | (D) | 56. | (B) | 106. | (C) |
| 7. | (A) | 57. | (A) | 107. | (B) |
| 8. | (D) | 58. | (C) | 108. | (D) |
| 9. | (D) | 59. | (D) | 109. | (D) |
| 10. | (A) | 60. | (D) | 110. | (B) |
| 11. | (B) | 61. | (D) | 111. | (D) |
| 12. | (D) | 62. | (C) | 112. | (B) |
| 13. | (B) | 63. | (D) | 113. | (B) |
| 14. | (A) | 64. | (C) | 114. | (C) |
| 15. | (A) | 65. | (D) | 115. | (B) |
| 16. | (D) | 66. | (B) | 116. | (B) |
| 17. | (C) | 67. | (B) | 117. | (C) |
| 18. | (A) | 68. | (B) | 118. | (A) |
| 19. | (B) | 69. | (C) | 119. | (A) |
| 20. | (B) | 70. | (D) | 120. | (B) |
| 21. | (B) | 71. | (B) | 121. | (D) |
| 22. | (C) | 72. | (D) | 122. | (B) |
| 23. | (B) | 73. | (C) | 123. | (D) |
| 24. | (B) | 74. | (A) | 124. | (C) |
| 25. | (C) | 75. | (B) | 125. | (C) |
| 26. | (D) | 76. | (D) | 126. | (A) |
| 27. | (A) | 77. | (B) | 127. | (A) |
| 28. | (D) | 78. | (A) | 128. | (C) |
| 29. | (A) | 79. | (A) | 129. | (A) |
| 30. | (C) | 80. | (D) | 130. | (D) |
| 31. | (C) | 81. | (D) | 131. | (B) |
| 32. | (B) | 82. | (D) | 132. | (D) |
| 33. | (B) | 83. | (B) | 133. | (D) |
| 34. | (D) | 84. | (D) | 134. | (C) |
| 35. | (C) | 85. | (C) | 135. | (C) |
| 36. | (B) | 86. | (A) | 136. | (B) |
| 37. | (A) | 87. | (B) | 137. | (B) |
| 38. | (B) | 88. | (A) | 138. | (A) |
| 39. | (B) | 89. | (A) | 139. | (A) |
| 40. | (A) | 90. | (B) | 140. | (A) |
| 41. | (A) | 91. | (C) | 141. | (B) |
| 42. | (B) | 92. | (C) | 142. | (C) |
| 43. | (D) | 93. | (B) | 143. | (C) |
| 44. | (D) | 94. | (B) | 144. | (D) |
| 45. | (A) | 95. | (A) | 145. | (B) |
| 46. | (C) | 96. | (C) | 146. | (D) |
| 47. | (A) | 97. | (C) | 147. | (D) |
| 48. | (B) | 98. | (A) | 148. | (C) |
| 49. | (C) | 99. | (B) | 149. | (C) |
| 50. | (A) | 100. | (B) | 150. | (D) |



Note:- If your opinion differs regarding any answer, please message the mock test and question number to 8860330003

Note:- Whatsapp with Mock Test No. and Question No. at 7053606571 for any of the doubts. Join the group and you may also share your suggestions and experience of Sunday Mock Test.

Note:- If you face any problem regarding result or marks scored, please contact 9313111777