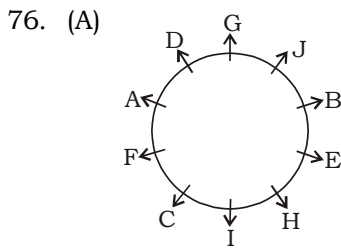


74. (B) $N^+ \begin{matrix} | \\ F^- - D^+ = A^- \end{matrix}$
 \therefore A in **Daughter-in-law** of N.

75. (D) $G^+ = M^- \begin{matrix} | \\ T^- - Q^- \end{matrix}$
 \therefore M is **wife** of G.



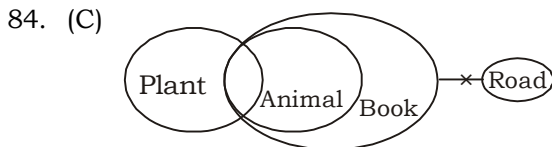
77. (C) 78. (A) 79. (B)
 80. (A)

81. (C) Required angle = $30(8) - \frac{11}{2}(24)$
 $= 240 - 132$
 $= \mathbf{108^\circ}$

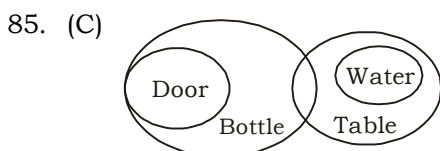
82. (C) At 9'o clock, the minute hand is minute ahead of hour hand.
 It has to gain 15 minutes more over hour hand to be in opposite direction.
 Time taken by minute hand to gain 15 minutes.

$$= \frac{60}{55} \times 15 = \mathbf{16 \frac{4}{11} \text{ min. past 9.}}$$

83. (A) Each day of the week is repeated after 7 days.
 So, after 98 days, it will be Sunday.
 \therefore After 100 days, it will be **Tuesday**.

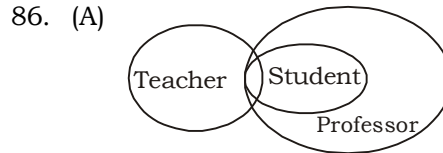


I. Can't say
 II. Can't say
 III. Can't say
 \therefore **Either I or II follows**



I. Can't say
 II. True (\therefore Possibilities are always true)
 III. True (\therefore Possibilities are always true).

\therefore **II and III follow**



I. True
 II. False
 \therefore **Only I follows.**

87. (D) In 'option D', dot is between arrow and cross sign but in others it is between arrow and dot sign.

88. (B) In 'option B', Arrow sign is pointing clockwise direction and rest in anti-clockwise direction.

89. (B) Only in option 'B', arrow is passing through edges of two figures.

90. (C) **12** Squares

91. (A) **41** Triangles

92. (C) Error in marks = $97 - 47 = 50$ marks.

Total marks = $53 \times 100 = 5300$

Correct marks = $5300 + 50 = 5350$

\therefore Required average = $\frac{5350}{100} = \mathbf{53.5 \text{ marks}}$

93. (D) As, $(6 \times 7 \times 8) + (3 \times 9 \times 4) = 444$
 and $(7 \times 6 \times 1) + (8 \times 8 \times 4) = 138$

Similarly,

$(11 \times 12 \times 3) + (9 \times 4 \times 8) = \mathbf{684}$

94. (C) Ratio of number of coins = $10 : 7 : 4$.

Amount constituted by these coins = ₹232

$$10x + 1 + 7x \times \frac{1}{2} + 4x \times \frac{1}{4} = 232$$

$$14.5x = 232$$

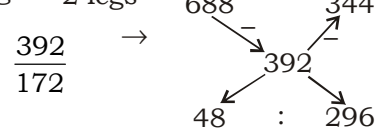
$$x = 16$$

Total amount formed by ₹1 coin is $10 \times 16 = ₹160$

\therefore No. of one rupee coin = **160**

95. (B) Parrot Tiger

4 legs 2 legs



Ratio of number of parrot and tiger = $6 : 37$

\therefore Number of tigers = $\frac{6}{43} \times 172 = \mathbf{24}$

96. (D) Total age of 15 students = $15 \times 12 = 180$ years.

$$\text{Total age of 8 new girls} = 8 \times 17 \frac{3}{4}$$

$$= 8 \times \frac{71}{4} = 142 \text{ years}$$

Total age of all students = $180 + 142 = 322$ years.

$$\therefore \text{Required average} = \frac{322}{23} = \mathbf{14 \text{ years}}$$

97. (A)

98. (B) A.T.Q,
45% + 55 = 55% (Passing marks)
10% = 55 marks

$$1\% \rightarrow \frac{55}{10}$$

$$\therefore \text{Maximum marks} = \frac{55}{10} \times 100 = \mathbf{550 \text{ marks}}$$

99. (D) A.T.Q,
Let the age of man and his son be x and y respectively.
Then,

$$\frac{x+y}{2} = 21$$

$$x + y = 42 \text{ years.}$$

$$\frac{x}{y} = \frac{5}{1}$$

....(Given)

$$x = \frac{5}{6} \times 42 = 35 \text{ years}$$

$$y = 7 \text{ years}$$

after 9 years ratio of their age will be.

man : son

$$35 + 9 : 7 + 9$$

\therefore Required Ratio = **11 : 4**

100. (A) Let the number of students be x
Amount each student has to contribute be y .

A.T.Q,

$$xy = ₹3600 \quad \dots(i)$$

Now,

Six of them did not attend.

$$\text{So, } (x-6)(y+20) = 3600 \quad \dots(ii)$$

Putting eq(i) in eq(ii)

$$\Rightarrow (x-6) \left(\frac{3600}{x} + 20 \right) = 3600$$

$$\Rightarrow (x-6)(180+x) = 180x$$

$$\Rightarrow 180x - 1080 + x^2 - 6x = 180x$$

$$\Rightarrow x^2 - 6x - 1080 = 0$$

$$\Rightarrow x^2 - 36x + 30x - 1080 = 0$$

$$\Rightarrow x(x-36) + 30(x-36)$$

$$\Rightarrow (x+30)(x-36)$$

Total students who planned for picnic were 36.

$$\therefore \text{Required number of students} = 36 - 6 = \mathbf{30}$$



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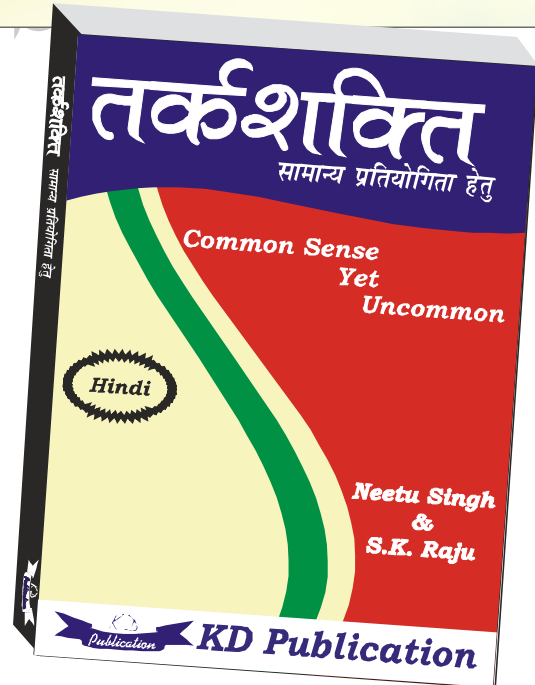


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UP-VDO MOCK TEST – 6 (ANSWER KEY)

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



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