

UP-VDO MOCK TEST - 17 (SOLUTION)

51. (B) As, Line is a part of square.
Similarly, Arc is a part of **circle**.
52. (D) As, remains of fire is called Ashes.
Similarly, remains of explosion is called **Debris**.

53. (A) As, $1 : 7 \rightarrow (\sqrt[3]{1} + 1)^3 = 8$
Similarly, $64 \rightarrow (\sqrt[3]{64} + 1)^3 = 125$

54. (B) As, $248 : 3 \rightarrow \frac{24}{8} = 3$
Similarly, $328 \rightarrow \frac{32}{8} = 4$

55. (D) As, $\begin{matrix} B & O & R & E \\ 2 & 15 & 18 & 5 \end{matrix} \rightarrow \frac{(2+15+18+5)}{\text{Number of letters}}$
 $= \frac{40}{4} = 10$
Similarly,
 $\begin{matrix} H & O & T & E & L \\ 8 & 15 & 20 & 5 & 12 \end{matrix} \rightarrow \frac{(8+15+20+5+12)}{5}$
 $= \frac{60}{5} = 12$

56. (B) As, $\begin{matrix} 3+5+7 \\ C E G \\ O (15) \end{matrix}$ $\begin{matrix} 5+7+9 \\ E G I \\ O (15) \end{matrix}$
Similarly, $\begin{matrix} 2+4+6 \\ B D F \\ L (12) \end{matrix}$ $\begin{matrix} 4+6+8 \\ D F H \\ R (18) \end{matrix}$

57. (C) $\begin{matrix} 2, & 12, & 30, & 56, & 90, & 132 \\ +10 & +18 & +26 & +34 & +42 \\ +8 & +8 & +8 & +8 & \end{matrix}$

58. (D) $\begin{matrix} +1 & +2 & +3 & +4 & +5 \\ 11, & 12, & 14, & 17, & 21, & 26 \\ 15, & 17, & 21, & 27, & 35, & 45 \\ +2 & +4 & +6 & +8 & +10 \end{matrix}$

59. (B) $\begin{matrix} 14, & 13, & 24, & 69, & 272, & 1355 \\ \times 1-1 & \times 2-2 & \times 3-3 & \times 4-4 & \times 5-5 \end{matrix}$

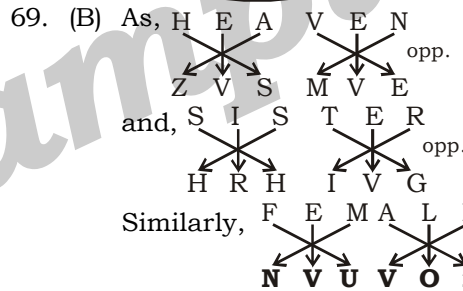
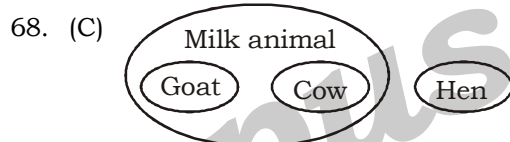
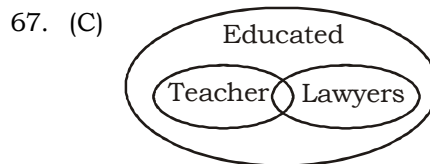
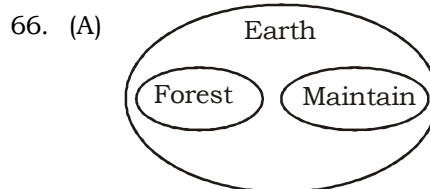
60. (D) $\begin{matrix} A, & C, & F, & J, & O, & U \\ +2 & +3 & +4 & +5 & +6 \end{matrix}$

61. (A) $\begin{matrix} -3 & -3 & -3 & -3 \\ C S, & E P, & G M, & I J, & K G \\ +2 & +2 & +2 & +2 \end{matrix}$

62. (B) $\begin{matrix} EFG, & IJK, & MNO, & QRO, & UVW \\ +4 & +4 & +4 & +4 \end{matrix}$

63. (A) Except **285**, other are prime number.

64. (C) **Whale** is a mammal, while others are fishes.
65. (C) Except **Mob**, others are organised group.



70. (C) $S U N \rightarrow (19 \times 21 \times 14) = 5586$
 $19 \ 21 \ 14$
and, $S T A R \rightarrow (19 \times 20 \times 1 \times 18) = 6840$
 $19 \ 20 \ 1 \ 18$
Similarly,

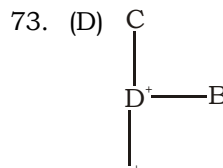
$M O O N \rightarrow (13 \times 15 \times 15 \times 14)$
 $13 \ 15 \ 15 \ 14$
 $= 40950$

71. (C) $C @ B \% F \% E$



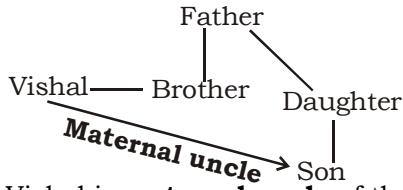
\therefore **C is grand daughter of E.**

72. (D) None of these



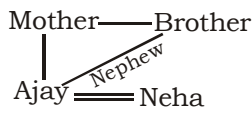
\therefore **Both statements are necessary to establish the relationship.**

74. (D)



∴ Vishal is **maternal uncle** of that boy.

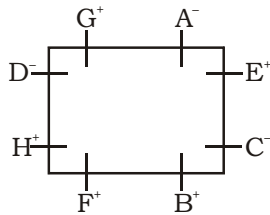
75. (A)



∴ Neha is **wife** of Ajay.

76. (C)

77. (D)

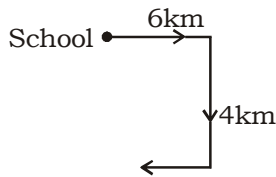


78. (C)

79. (D)

80. (A)

81. (C)



∴ He is walking towards **west**.

82. (D)

Total = 15 + 13 - 1 = 27

∴ B is 19th from right.

Total + 1 - Right

∴ Required position = 27 + 1 - 19 = **9th**.

83. (C)

Right	Wrong
24 hrs	25 hrs
25 hrs	24 hrs

Sunday 9 : am

Tuesday 11 : 00 am } 50 hrs.

∴ Required time = $50 \times \frac{24}{25} = 48$ hrs

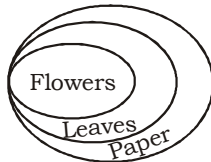
∴ Correct time was at **9:00** am on Tuesday.

84. (B)

L.Y is 400 years = 97

Then is 800 years = $97 \times 2 = \mathbf{194}$ years.

85. (C)



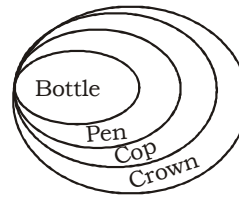
- I. True
 - II. Can't say
- ∴ Only **I** follows

86. (C)



- I. False
 - II. True
- ∴ Only **II** follows

87. (D)



- I. True
 - II. True
- ∴ **Both follow.**

88. (C)

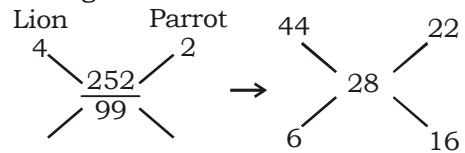
89. (B)

90. (D)

91. (A)

92. (C) 370 Kgs.

93. (B)



No. of lion and parrot are in ratio 3 : 8.

Now,

$$11 \text{ units} - 99$$

$$1 \text{ units} - \frac{99}{11} = 9$$

∴ Number of parrot = $8 \times 9 = \mathbf{72}$

94. (C)

As, $(9 + 8 + 21 + 15) = (53) \rightarrow (53)^2 = 2809$.
and $(13 + 18 + 5 + 24) = (60) \rightarrow (60)^2 = 3600$.

Similarly, $(14 + 13 + 8 + 11) = (46) \rightarrow (46)^2 = \mathbf{2116}$

95. (B)

Total number of apples in basket = $(12 + 2) \times 12 = 168$

Then, remaining apples = $168 - 10 = 158$

∴ No. of apples in each basket = $\frac{158}{2} = 79$.

96. (C)

ATQ.,

First 10 days total expenditure = $10 \times 100 = ₹10,000$

For next 10 days = $10 \times (1000 - 20) = ₹9800$

For next 10 days = $10 \times (1000 - 40) = ₹9600$

Total expenditure in a month of April = $10000 + 9800 + 9600 = ₹29,400$

Total savings = $30000 - 29,400 = ₹600$

97. (A)

$Q > S > U > R > T > R$

T marks = 58 (Give)

U marks = 92 (3rd highest)

∴ Possible marks of R = **86**

98. (B)

Required number of arrangement can be given as

$$4! = 4 \times 3 \times 2 \times 1 = \mathbf{24}$$

99. (B)

$$\text{Required percentage} = 40 - 40 - \frac{40 \times 40}{100}$$

$$= -16\%$$

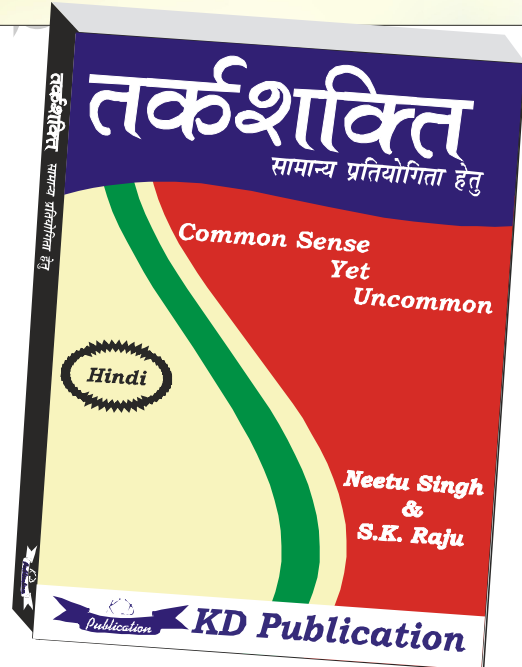
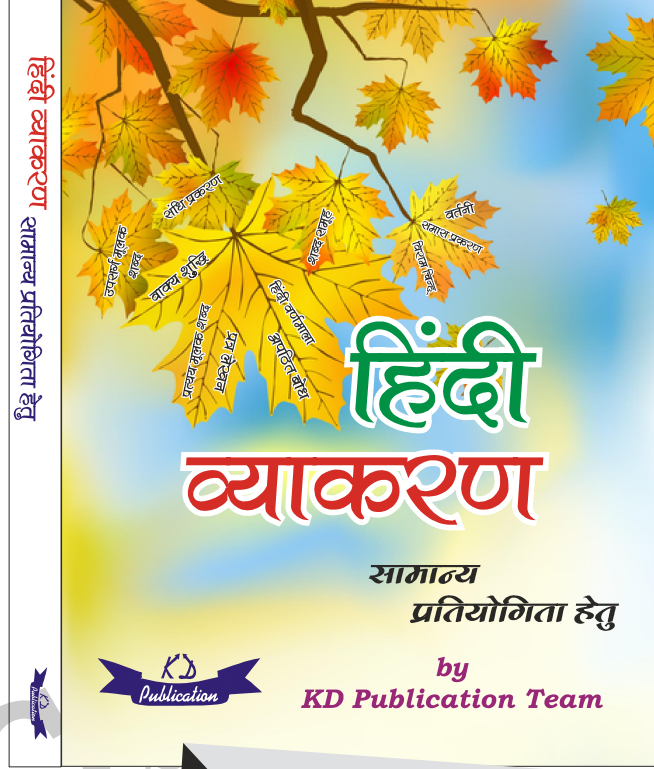
∴ **16% decrease in area.**

100. (C)

14 triangles

UP-VDO MOCK TEST - 17 (ANSWER KEY)

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



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