
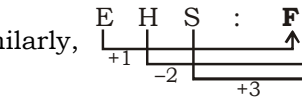
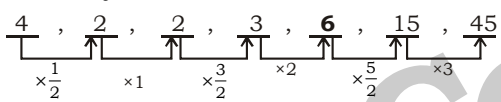
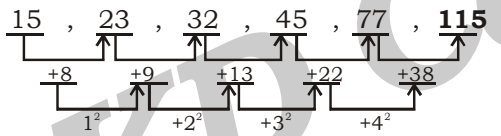
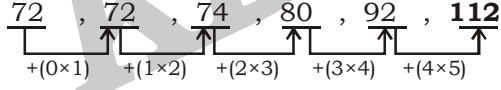
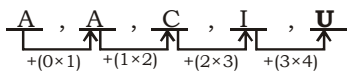
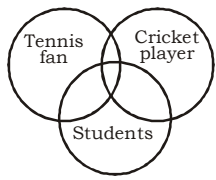
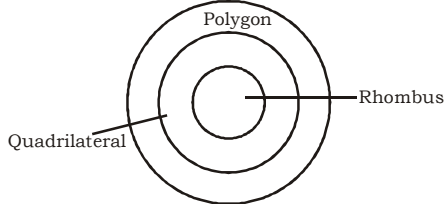
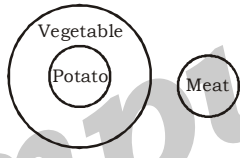
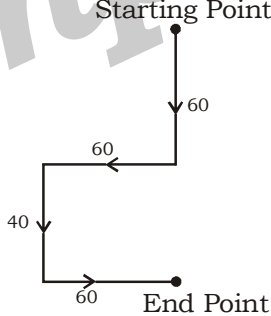
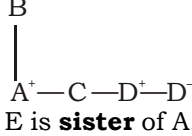
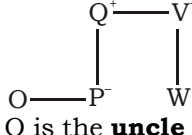
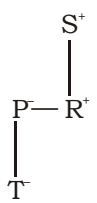


**UP-VDO MOCK TEST – 14 (SOLUTION)**

51. (C) As,  $6 : 222 \rightarrow 6^3 + 6 = 222$   
Similarly,  $12 \rightarrow 12^3 + 12 = 1740$
52. (D) As,  $3728 : 37 \rightarrow (3 \times 7) + (2 \times 8) = 21 + 16 = 37$   
Similarly,  $(4 \times 9) + (3 \times 6) = 36 + 18 = 54$
53. (B) As, B H : P  
 $2 \times 8 = 16$   
Similarly, C G : U  
 $3 \times 7 = 21$
54. (B) As, G K M : H I P  
  
 Similarly, E H S : F F V  

55. (D) As, Chair and table go together and make a pair  
Similarly, Lock any key go together
56. (A) As, Carpenter uses saw.  
Similarly, Gardener uses **Harrow**.
57. (C)  $\frac{4}{1}, \frac{2}{1}, \frac{2}{2}, \frac{3}{2}, \frac{6}{2}, \frac{15}{2}, \frac{45}{3}$   

58. (A)  $15, 23, 32, 45, 77, 115$   

59. (B)  $72, 72, 74, 80, 92, 112$   

60. (C) B  $\xrightarrow{+2}$  D  $\xrightarrow{+2}$  F  $\xrightarrow{+2}$  H  
D  $\xrightarrow{-3}$  A  $\xrightarrow{-3}$  X  $\xrightarrow{-3}$  U  
E  $\xrightarrow{+4}$  I  $\xrightarrow{+4}$  M  $\xrightarrow{+2}$  Q
61. (A)  $\frac{A}{1}, \frac{A}{2}, \frac{C}{3}, \frac{I}{3}, \frac{U}{4}$   

62. (B) F  $\xrightarrow{+2}$  H  $\xrightarrow{+2}$  J  $\xrightarrow{+2}$  L  $\xrightarrow{+2}$  N  $\xrightarrow{+2}$  P  
G  $\xrightarrow{-2}$  E  $\xrightarrow{-2}$  C  $\xrightarrow{-2}$  A  $\xrightarrow{-2}$  Y  $\xrightarrow{-2}$  W
63. (C) B D :  $20 \rightarrow 2^2 + 4^2 = 20$   
2 4  
C F :  $45 \rightarrow 3^2 + 6^2 = 45$   
3 6  
**A H** :  $64 \rightarrow 1^2 + 8^2 \neq 64$   
1 8  
**E H** :  $89 \rightarrow 5^2 + 8^2 = 89$   
5 8
64. (D)  $43 : 21 \rightarrow 4 \times 3 = 12 \rightarrow 21$   
 $72 : 41 \rightarrow 7 \times 2 = 14 \rightarrow 41$   
 $89 : 27 \rightarrow 8 \times 9 = 72 \rightarrow 27$   
**92 : 18**  $\rightarrow 9 \times 2 = 18 \nrightarrow 18$

65. (B) Except granite, other belongs to the group of precious stones.
66. (C) 
67. (A) 
68. (D) 
69. (D) Starting Point  

70.  $\therefore$  He is **100m, south** from starting point.
70. (B)  $B > C > F > A > D/E > E/D$   
 $\therefore$  Either **E or D** has least number of apples.
71. (C) B<sup>-</sup>  
  
 $\therefore$  E is **sister** of A.
72. (B)   
 $\therefore$  Q is the **uncle** of W.
73. (B)   
 $\therefore$  S is **paternal grandfather** of T.

74. (D)  $\begin{matrix} P^+ \\ | \\ Q^- - T - M^+ \\ | \\ K - L^- \end{matrix}$   
 $\therefore$  General of K is not specified so it can't be determined.

75. (D) Father  $\rightarrow$  Brother  
 $\begin{matrix} | & & | \\ \text{Rahul} & & \square \\ & & | \\ & & \text{Granddaughter} \end{matrix}$   
 $\therefore$  The girl is **niece** of Rahul.

76. (D)  
 77. (B) **E K A J B I G C H D F**

78. (C)  
 79. (A)  
 80. (C)  
 81. (B) Sunday — 11 am — -9 min.  
 Tuesday — 11 pm — +3 min.  
 Total number of hrs = 24 + 12 = 36 hr.

Required time =  $\frac{9}{12} \times 36 = 27$  hr.

Sunday 11 am + 27 hrs = Monday **2 pm**  
 82. (C) Second hand is 1 sec =  $6^\circ$   
 Then, in 32 seconds =  $32 \times 6^\circ = 192^\circ$

83. (B)

$\therefore$  He is **20 km north** from office.

84. (D)  $D > E > A > C > B$

85. (C)

I. False  
 II. Can't say  
 $\therefore$  **None of follows**

86. (D)

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

87. (A)

I. True  
 II. Can't say  
 $\therefore$  **Only I follows.**

88. (A)  
 89. (B)  
 90. (C)  
 91. (C)  
 92. (B) As,  $(13 \times 14) + (8 \times 4) = 214$   
 and  $(3 \times 2) + (15 \times 17) = 261$   
 Similarly,  $(13 \times 22) + (8 \times 9) = 358$

93. (A) Required number of children =  $32 - (14 + 9) = 9$

94. (B)   
 $\therefore$  Required percentage who passed in both subject =  $100 - (22 + 21 + 16) = 41\%$

95. (C) **PROCEED**  
 96. (B)  
 97. (B) Let the income of two persons be  $5x$  and  $3x$  respectively.

ATQ.,  

$$\frac{5x - 5200}{3x - 2500} = \frac{9}{5}$$

$$x = 3200$$
 $\therefore$  Their incomes =  $5 \times 3200 = \text{₹}16000$   
 $= 3 \times 3200 = \text{₹}9600$

98. (C) 260 kg  
 99. (B) ₹1 : 0.50 : ₹0.25

Value of Coins  $8x : 4x : 3x$   
 Total number Coins  $8x : 8x : 12x$   
 $\therefore$  Total Coin =  $8x + 8x + 12x = 28x$   
 A.T.Q.,  
 $28x = 280$   
 $x = 10$

$\therefore$  No. of 25 paise coin are  $12 \times 10 = 120$

100. (C) We consider 'EI' as single letter.  
 There is no repetition of letter.  
 $\therefore$  Number of ways to arrange these letters =  $6!$   
 $\therefore$  Number of way to arrange vowel =  $2!$   
 $\therefore$  Total number of arrangement =  $6! \times 2!$   
**= 1440 ways**

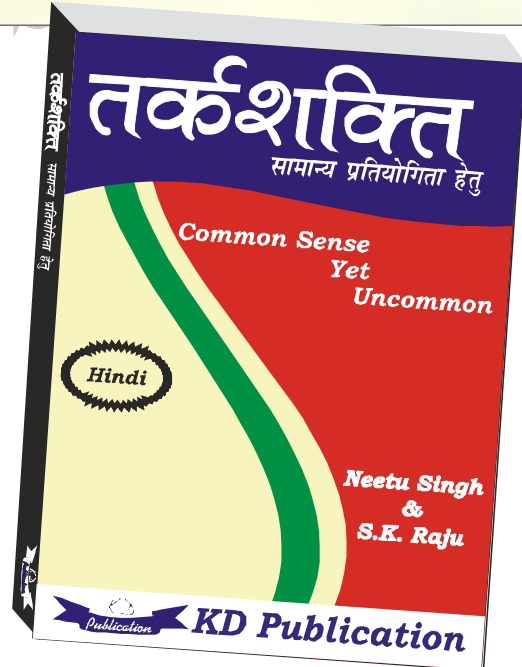
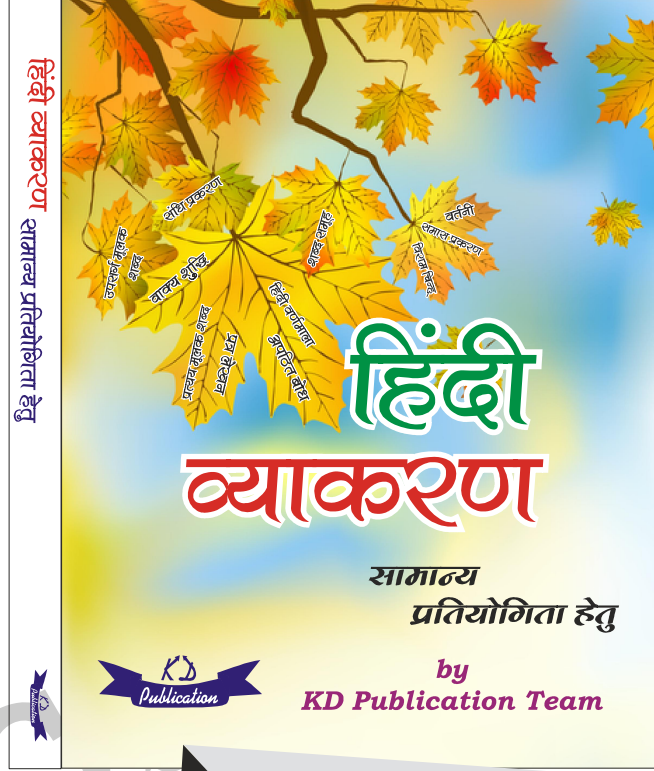
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## UP-VDO MOCK TEST - 14 (ANSWER KEY)

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

**Ph: 09555108888, 09555208888**