

UP-VDO MOCK TEST – 11 (SOLUTION)

51. (D) As, connoisseur has good taste for the Art.

Similarly, gourmet has good taste for the **food**.

52. (C) As, Fog degrade the visibility.

Similarly, Aids degrade the **health**.

53. (A) As, 10 : 3
 \uparrow
 $\times 2 + (2)^2$

Similarly, 14 : 5
 \uparrow
 $\times 2 + 2^2$

54. (B) As, 321 : 32 $\rightarrow 3^3 + 2^2 + 1^1 = 27 + 4 + 1 = 32$
 Similarly, 473 $\rightarrow 4^3 + 7^2 + 3^1 = 64 + 49 + 3 = 116$

55. (A) As, SH : 251 \rightarrow S H Reversed

$19 \times 8 = 152 \rightarrow 251$

Similarly, IW : \rightarrow I W

$9 \times 23 = 207 \rightarrow 702$

56. (A) As, F H J L : O Q S U
 opposite alphabets

Similarly, K M O Q : J L N P
 opposite alphabets

57. (D) 35 53 86 135 201 285
 \uparrow \uparrow \uparrow \uparrow \uparrow
 $+18$ $+33$ $+49$ $+66$ $+84$
 \uparrow \uparrow \uparrow \uparrow
 $+15$ $+16$ $+17$ $+18$
 \uparrow \uparrow \uparrow
 $+1$ $+1$ $+1$

58. (D) 3, 8, 18, 38, 78, 158
 \uparrow \uparrow \uparrow \uparrow \uparrow
 $\times 2$ $\times 2$ $\times 2$ $\times 2$

59. (B) -3, -2, 6, 33, 97, 222
 \uparrow \uparrow \uparrow \uparrow \uparrow
 $+1^3$ $+2^3$ $+3^3$ $+4^3$ $+5^3$

60. (B) A B E J Q Z
 \uparrow \uparrow \uparrow \uparrow \uparrow
 $+1$ $+3$ $+5$ $+7$ $+9$

61. (D) a b a a b a a a b a a a b a a

62. (C) c a b b a c c a b b a c c a b b a c

63. (C) Except **armour**, others are used as ornaments.

64. (C) $58 - 47 \rightarrow (5 + 8) - (4 + 7) = 2$

$79 - 68 \rightarrow (7 + 9) - (6 + 8) = 2$

$77 - 54 \rightarrow (7 + 7) - (5 + 4) = 5$

$87 - 49 \rightarrow (8 + 7) - (4 + 9) = 2$

65. (D) E V X K P R
 \uparrow \uparrow \uparrow \uparrow \uparrow \uparrow
 opp +2 opp +2

W D F N M K
 \uparrow \uparrow \uparrow \uparrow \uparrow
 opp +2 opp -2

66. (A)

67. (B)

68. (C)

69. (A) As, opposite alphabet
 S H O R T C U T : 7 6 X G 9 12 S H
 Position of opposite alphabet

Similarly,

opposite alphabet
 D O C U M E N T : 7 13 V N 6 24 L W
 Position of opposite alphabet

70. (D) As, S H I N E

\downarrow \downarrow \downarrow \downarrow \downarrow

$19 + 8 + 9 + 14 + 5 = 55 \rightarrow 5 + 5 = 10$

and D R U M

$4 + 18 + 21 + 13 = 56 \rightarrow 5 + 6 = 11$

similarly,

M A D E

$13 + 1 + 4 + 5 = 28 \rightarrow 2 + 3 = 5$

71. (D) A⁺ — K⁺

|
 D⁻ — L⁺ = Q⁻

\therefore D is **Niece** of A

72. (A) A⁺ — B⁻ — C⁺

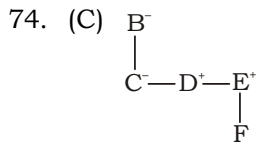
|
 D⁺ = E⁻

\therefore Required sign is \$.

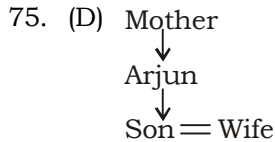
73. (B) A⁻

|
 B⁻ — C⁺ — D⁺ = E⁻
 |
 F

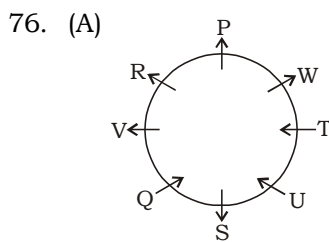
\therefore C is **paternal uncle** of F.



∴ B is **grandmother** of F.



∴ Arjun is **Father-in-law** of the girl.



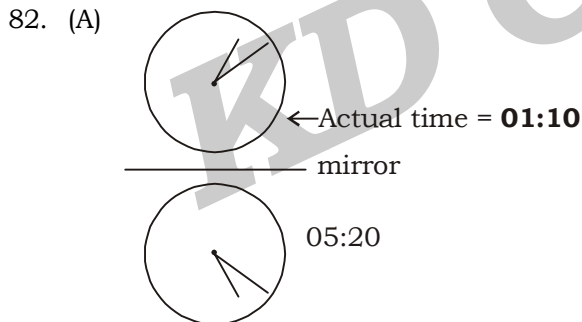
77. (C)

78. (D)

79. (B)

80. (B)

81. (C) Required no. of books = $21 + 18 - 12 = 27$.



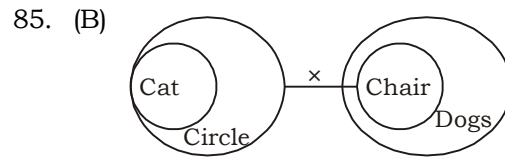
83. (D) Clock slows down by 7 min per hour.
In 9 hours = $7 \times 9 = 63$ min
from 2 o'clock, after 9 hours time will be 11 o'clock.

Required time = 11 o'clock - 1 hr 3 min
= **9 : 57 o'clock**

84. (C) Four days earlier to monday is Thursday
His sister's birthday is an Thursday.

No. of odd days = $\frac{132}{7} = 6$ days

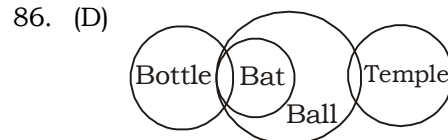
∴ Required day = Thursday + 6 days
= **Wednesday**



I. True

II. False

∴ Only **conclusion** I follows.



I. Can't say

II. True

III. True

∴ **None of these.**



I. True

II. True

∴ **Both follows.**

88. (B) Except option 'C', others are irregular figure.

89. (B)

90. (A)

91. (D) Let the no. of boys and girls be 300 and 400.

$$\text{Boys with scholarship} = \frac{30}{100} \times 300 = 90$$

$$\text{Girls with scholarship} = \frac{35}{100} \times 400 = 140$$

$$\text{Total no. of student with scholarship} = 90 + 140 = 230$$

$$\therefore \text{Required percentage} = \frac{700 - 230}{700} \times 100$$

$$= \frac{470}{7} = 67\frac{1}{7}\%$$

92. (B) Required cost = $\frac{20 \times 8 + 15 \times 4 + 8 \times 9}{8 + 4 + 9}$

$$= ₹13.90 \sim ₹14$$

93. (C) Let the Total number of coins be $5x$, $3x$ and $4x$ of ₹10, ₹20 and ₹50 respectively.
Total Amount constituted by them
 $= 5x \times 10 + 3x \times 20 + 4x \times 50 = 310x$
Amount constituted by ₹20

$$= \frac{60x}{310x} \times 6510 = ₹1260$$

$$\text{No. of ₹20 coin} = \frac{1260}{20} = \mathbf{63}$$

94. (A) A.T.Q,

$$\frac{x+y+z}{3} = 45$$

$$\Rightarrow x+y+z+135 \quad \dots(i)$$

$$x = \frac{y+z}{2} + 9$$

$$\Rightarrow 2x - y - z = 18 \quad \dots(ii)$$

$$\frac{y+z}{z} = y+z$$

$$\Rightarrow y+z = 2y+4 \quad \dots(iii)$$

$$z - y = 4$$

From eq(i) and eq(ii) we get,

$$3x = 153$$

$$x = 6$$

Putting value of x in eq(ii)

$$y+z = 84 \quad \dots(iv)$$

from eq(iii) and eq(iv)

$$\begin{array}{r} y+z = 84 \\ -y+z = 4 \\ \hline z = 44 \end{array}$$

$$\text{Required difference} = 51 - 44 = \mathbf{7}$$

95. (C) Total age of husband, wife and child at present.

$$= (27 + 3) \times 3 = 90 \text{ years}$$

Total age of wife and child at present

$$= (20 \times 2 + 2 \times 5) = 50 \text{ years}$$

$$\text{Required husband's age} = 90 - 50$$

$$= \mathbf{40 \text{ years}}$$

96. (A) $3 + \frac{1}{\sqrt{3}} + \frac{1}{3+\sqrt{3}} + \frac{1}{\sqrt{3}-3}$

$$= 3 + \frac{1}{\sqrt{3}} + \frac{\sqrt{3}-3+3+\sqrt{3}}{(\sqrt{3}+3)(\sqrt{3}-3)}$$

$$= 3 + \frac{1}{\sqrt{3}} + \frac{2\sqrt{3}}{-6}$$

$$= 3 + \frac{1}{\sqrt{3}} - \frac{1}{\sqrt{3}}$$

$$= \mathbf{3}$$

97. (A) Required ratio = $\frac{490}{560} = 7 : 8$

\therefore Required states are **U.P and Kerala**

98. (C) Required ratio = $\frac{28}{100} \times 684 = \mathbf{72 : 35}$
 $\frac{19}{100} \times 490$

99. (A) Total investment = $\frac{20\%}{100} \times 3904 = \mathbf{₹780.80}$

cr.

100. (D) FDI in cinema (Delhi) = $\frac{6}{100} \times 410 = ₹24.60 \text{ cr.}$

FDI in others (Kerala) = $\frac{19}{100} \times 560 = ₹106.40 \text{ cr}$

$$\therefore \text{Required percentage} = \frac{106.40 - 24.60}{106.40} \times 100$$

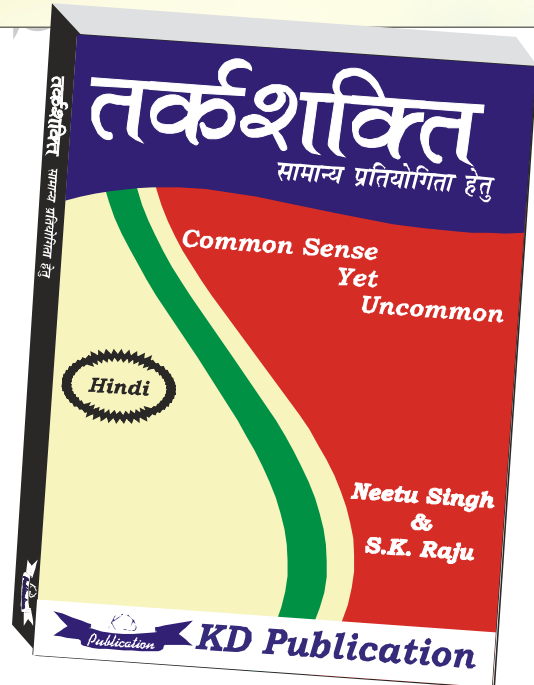
$$= \frac{81.8}{106.4} \times 100$$

$$= 76.87 \approx \mathbf{77\%}$$

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UP-VDO MOCK TEST - 11 (ANSWER KEY)

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