

UP-VDO MOCK TEST - 13 (SOLUTION)

51. (A) As, Hygrometer is used for measuring Humidity.
Similarly, Screw gauge is used for measuring **Thickness**.

52. (C) As, Group of cattle is called herd
Similarly, Group of sheep is called **flock**.

53. (B) As, $34 : 82 \rightarrow (3 \times 4) \times (3 + 4) = 12 \times 7 = 84$
Similarly, $52 \rightarrow (5 \times 2) \times (5 + 2) = 10 \times 7 = \mathbf{70}$

54. (D) As, $11 : 242 \rightarrow (11)^2 \times 2 = 242$
Similarly, $9 \rightarrow (9)^2 \times 2 \rightarrow \mathbf{162}$

55. (B) As, $D : 64 \rightarrow D(4) \rightarrow 4^3 = 64$
Similarly, $O(15) \rightarrow 15^3 = 3375$

56. (C) As, $DF : J \rightarrow D \quad F \quad J$
 $4 + 6 = 10$

Similarly, $H \quad K \quad S$
 $8 + 11 = 19$

57. (B) $15, 16, 12, 21, 5, 30$
 $+1^2 \quad -2^2 \quad +3^2 \quad -4^2 \quad +5^2$

58. (A) $13, 15, 18, 23, 30, 41$
 $+2 \quad +3 \quad +5 \quad +7 \quad +11$

59. (D) $3, 9, 21, 41, 71, 113$
 $+(2 \times 3) \quad +(3 \times 4) \quad +(4 \times 5) \quad +(5 \times 6) \quad +(6 \times 7)$

60. (A) $c a \mathbf{b} b d \mathbf{c} e c \mathbf{d} f d e g e f$

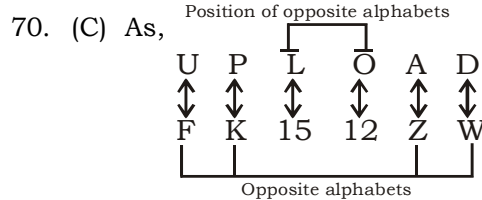
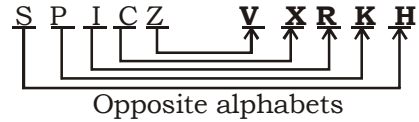
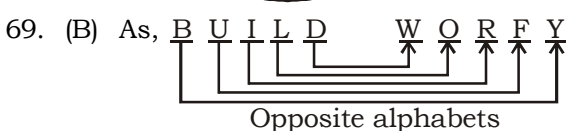
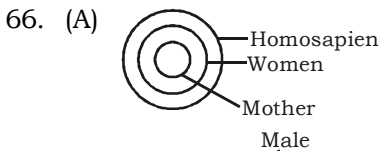
61. (C) GI, JL, NP, SU, YA
 $+3 \quad +4 \quad +5 \quad +6$

62. (A) AB, DE, GH, JK, MN
 $+3 \quad +3 \quad +3 \quad +3$

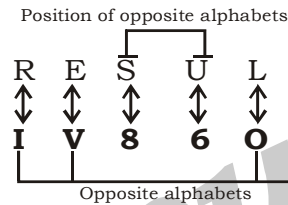
63. (D) Except **Bridge**, others contain water.

64. (C) Except 'U', positions of others is prime number.

65. (C) $32 \rightarrow 25 - (3 + 2)^2 = 25$
 $43 \rightarrow 49 - (4 + 3)^2 = 49$
 $\mathbf{43 \rightarrow 100} - (8 + 3)^2 \neq 100$
 $72 \rightarrow 81 - (8 + 1)^2 = 81$



Similarly,



71. (C) $D^- = E^+ - X^-$
 $C^+ = A^-$
 B^+
 $\therefore X$ is **Aunt** of C

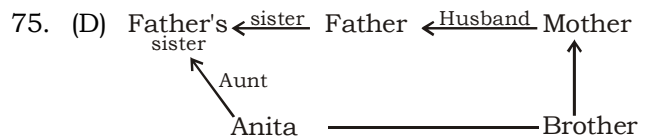
72. (D) L^+
 $O^+ = M^-$
 $N^+ - Q$

\therefore Can't be determined

73. (D) None of these

74. (C) $O^+ = P^-$
 $R^+ = T^-$
 S^+

$\therefore T$ is **daughter-in-law** of P.

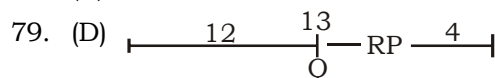


\therefore The lady is **Aunt** of Anita.

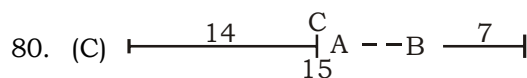
76. (C)

77. (B) **E J A X P R S F**

78. (A)

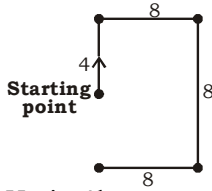


Total number of boys = $13 + 1 + 1 + 1 + 4 = \mathbf{20}$



Total number of boys = $15 + 1 + 2 + 1 + 7 = \mathbf{26}$

81. (B)



∴ He is 4km, south from starting point.

82. (A) Required time = $\left[\frac{65 \frac{5}{11} - 60}{60} \right] \times 22$
 = **+2 min fast**

∴ $\left[\frac{65 \frac{5}{11} - \text{Time}}{\text{Time}} \times \text{Total time (Hr/Days)} \right]$

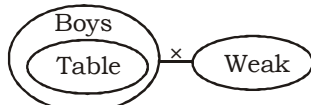
83. (C) $26^{\text{th}} - 7 = 19^{\text{th}}$
 $19^{\text{th}} - 7 = 12^{\text{th}}$
 $12^{\text{th}} - 7 = 5^{\text{th}}$

∴ 5th daly is also on **Tuesday**.

84. (A) Since, 1984 is a leap year. Hence according to table add 6 year in 1984.

∴ Required year = 1984 + 6 = **1990**

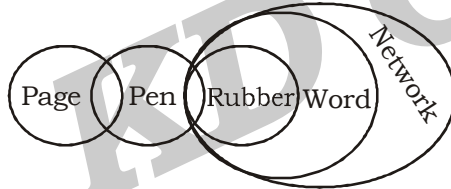
85. (B)



- I. Can't say
- II. True

∴ Only **conclusion II** follows.

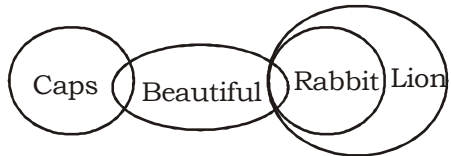
86. (C)



- I. True
- II. True

∴ **Both follow.**

87. (A)



- I. True
- II. Can't say
- III. Can't say

∴ **Only conclusion I** follows.

88. (B)

89. (C)

90. (A)

91. (B) ATQ.,

Hindi	Music	Maths
2	: 1	
2	:	: 3
2	: 1	: 3

$2x + x + 3x = 180$

$\Rightarrow 6x = 180$

$\Rightarrow x = 30^\circ$

∴ Required marks = **30**

92. (B) ATQ.,

I st	II nd	III rd
8	: 9	
	3	: 4
8	: 9	: 12

and, $8x \times 12x = 2400$

$\Rightarrow x = 5$

Required numbers = $8 \times 5, 9 \times 5, 12 \times 5$
 = 40, 45, 60

∴ Required sum = 40 + 45 + 60 = **145**.

93. (A)

Policemen	: Thief
Steps	10 : 12
Distance in each steps	08 : 06
	<u>80 : 72</u>

∴ Required ratio = **10 : 9**.

94. (C)

Let the present ages Rakhi and Rohan be $15x$ and $17x$.

ATQ.,

$\frac{15x + 6}{17x + 6} = \frac{9}{10}$

$\Rightarrow x = 2$

Required age = $15(2) + 6 + 9 =$ **45 years**

95. (B)

Let the number of girls be x .

ATQ.,

$\{(x-3) \times 15\} - (x \times 25) = 755 = x = 20$

∴ Required number of boys = $20 - 3 = 17$

96. (B) ATQ.,

H.C.F. = 5

Then the number will be $5x$ and $5y$

$5x + 5y = 55$

$x + y = 11$

Possible pairs are (1,10), (2,9)(3,8)(4,7) and (5,6).

∴ 5 pairs will be their.

97. (C)

Average production of copper

$= \frac{30 + 40 + 25 + 30 + 35 + 50}{6} = \frac{210}{6}$

$= 35$ (in 100 tonnes)

∴ Required number of years is **three**

98. (D)

Required percentage = $\frac{(3000 - 2500)}{2500} \times 100 =$ **20%**

99. (B)

Production of copper and silver in 2000 = $3000 + 1000 = 4000$

Production of copper and silver in 2001 = $3500 + 500 = 4000$

∴ Required years are **2000 and 2001**.

100. (B)

Production of copper and silver in different years in as below.

In 1997 = $3000 - 500 = 25000$

1998 = $4000 - 1500 = 2500$

1999 = $2500 - 2000 = 500$

2000 = $3000 - 1000 = 2000$

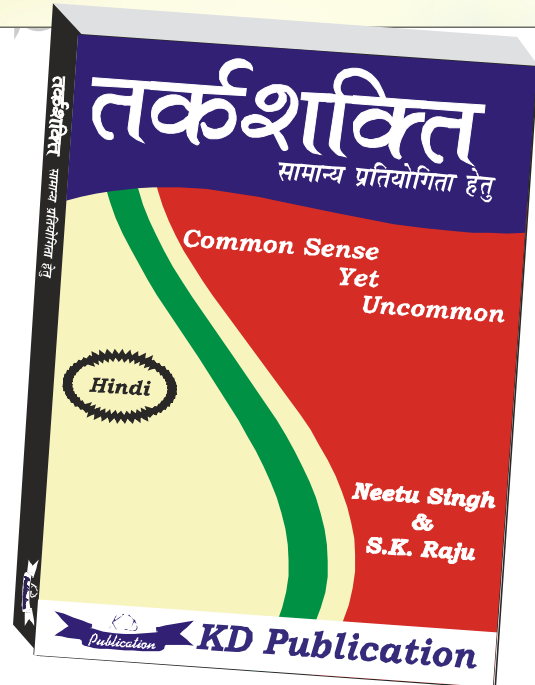
2001 = $3500 - 500 = 3000$

2002 = $5000 - 2000 = 3000$

∴ Required years are **2001 and 2002**.

UP-VDO MOCK TEST - 13 (ANSWER KEY)

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