UP-VDO MOCK TEST – 7 (SOLUTION)

51. (A) As, F D B : U W Y
opposite alphabets

Similarly, **M K I** : N P R
opposite alphabets

52. (D) As, fan consists wings.

Similarly, wheel consists **Spokes**.

53. (B) As, menu is a list of food.

Similarly, catalogue is a list of **book**.

54. (C) As, $\frac{K}{G}:\frac{18}{4}\rightarrow\frac{K}{G}=\frac{11+7}{11-7}$

(∴ K's position is 11th and G's Position is 7th in English alphabets)

Similarly, $\frac{M}{E}=\frac{13+5}{13-5}=\frac{\mathbf{18}}{\mathbf{8}}$

55. (A) As, 87 : 30 → (8 + 7)× 2 = 30.

Similarly, 63 : 18 → (6 + 3)× 2 = **18**

56. (C) As, 983 : 20 → (9 + 8 + 3) = 20

Similarly, 747 : 18 → (7 + 4 + 7) = **18**

57. (B) 7 , 8 , 18 , **57** , 232
×1+1 ×2+2 ×3+3 ×4+4

58. (D) 15 , 20 , 28 , 42 , **68** , 118
+5 +8 +14 +26 +50
+3 +6 +12 +24

59. (B) 10 , 10 , 15 , 30 , **75** , 225
×1 $\times1\frac{1}{2}$ ×2 $\times\frac{5}{2}$ ×3

60. (C) C , D , F , I , **M** , R , X
+1 +2 +3 +4 +5 +6

61. (A) FE , IH , **LK** , ON , RQ
+3 +3 +3 +3

62. (C) NDQ , LGO , **JJM** , HMK , FPI
(−2, +3, −2, +3, −2, +3, −2, +3)

63. (A) Except option 'A', Position of other alphabets is a prime number.

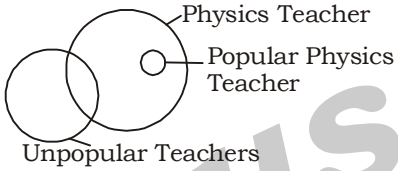
64. (D) 324 18 → $(18)^2 = 324$

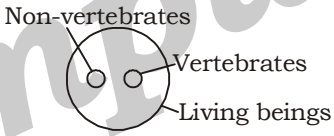
225 15 → $(15)^2 = 225$

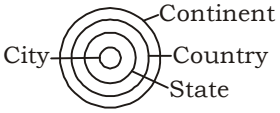
121 11 → $(11)^2 = 121$

256 17 → $(17)^2 \neq 256$

65. (C) Except option '**C**', others are the state of matter.

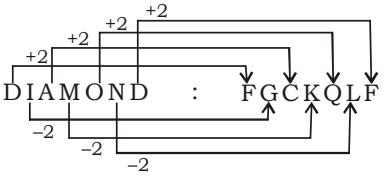
66. (C)


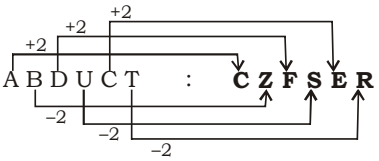
67. (D)


68. (A)


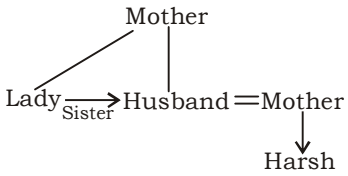
69. (A) S A M P L E and D U S T
Z H K N V O F W G H

Similarly, F A T H E R
Z U S G I V

70. (B) As,


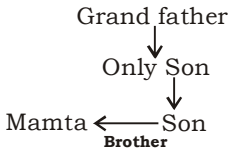
Similary,


71. (C)

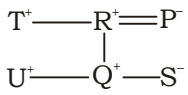


∴ She is '**Aunt**' of Harsh.

72. (A)



73. (B)



∴ P is the **mother** of Q.

74. (D) **PS** is the pair of female

75. (D) T is **Uncle** of S.

76. (A)

F	E	B	C	A	D	↓South
T	Q	P	R	S	V	↑North

77. (C)

78. (B)

79. (C)

80. (A)

81. (C) Required no. of boys = (34 + 24 – 45) –2

= **11**.

82. (A) First find the total number of odd days till 19 Feb, 1348.

1200 yrs + 100 yrs + 47 yrs + January + 19 days

odd days → 0 , 5 , 58 , 3 , 19

= 0 + 5 + 58 + 3 + 19 = 85

= 1 odd day

∴ 19th Febuary 1348 was Monday.

83. (B) First find the day on 1st July, 2003.

2000 yrs +3 yrs + Jan +Feb +March + Apl +May + June +1

odd days 0 , 3 , 3 , 1 , 3 , 2 , 3 , 2 , 1

total odd days = 0 + 3 + 3 +1 + 3 + 2 + 3 + 2 + 1 =18 days.

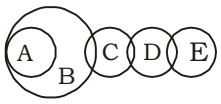
∴ 1st July, 2004 is on Thursday.

∴ Tuesday fell on 6th, 13th, 20th, 27th.

84. (D) Required angle = $\frac{11}{2}(40) - 30(4)$

= 220 – 120 = **100°**

85. (C)



I. Can't say

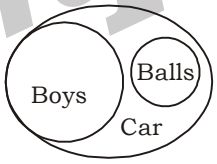
II. Can't say

III. Can't say

IV. Can't say

∴ **Either conclusion I or conclusion III follows.**

86. (C)

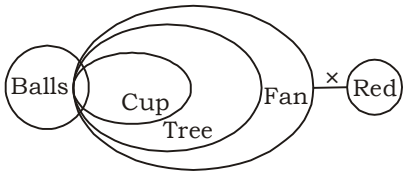


I. True

II. Can't say

∴ **Conclusion I follows.**

87. (D)



I. False

II. False

III. False

IV. False (as it is definitely true)

∴ **None of these.**

88. (B) Triangular pointer is pointed away from the line.

89. (A) Except option '**A**', In others below element is mirror image of upper element.

90. (B) Both headers are away from each other.

91. (C) **30** Squares.

92. (B) **9** Triangles.

93. (B) As, $15 \times 16 - 8 \times 9 = 168$

and $11 \times 18 - 12 \times 4 = 150$

Similarly, $17 \times 13 - 8 \times 12 =$ **125**

94. (B)

95. (C)

$$\begin{aligned} A : B &\rightarrow 2 : 3 \\ B : C &\rightarrow 4 : 5 \\ C : D &\rightarrow 3 : 7 \\ \hline A : B : C : D &\rightarrow 24 : 36 : 45 : 105 \\ &\rightarrow 8 : 12 : 15 : 35 \end{aligned}$$

$\therefore$ Required difference $= \frac{35-12}{70} \times 910$

$= ₹299$

96. (D) Let the present of Deepak and Suraj be x and y.

A.T.Q,

$$\frac{x-7}{y-7} = \frac{3}{5} \Rightarrow 5x - 35 = 3y - 21$$

$$\Rightarrow 5x - 3y = 14 \quad \ldots(i)$$

$$\frac{x+4}{y+4} = \frac{16}{23} \Rightarrow 23x + 92 = 16y + 64$$

$$\Rightarrow 23x - 16y = -28 \quad \ldots(ii)$$

From eq(i) and eq(ii)

$y = 42$ and $x = 28$

$\therefore$ Required ratio $= \frac{28}{42} =$ **2 : 3**.

97. (A)

	A	:	B
Steps	8	:	6
Distance covered	5	:	7
	40	:	42

$\therefore$ Required ratio = **20 : 21**

98. (B) No. of coins are in ratio = 2 : 3 : 5

Amount Coustituted by coins =2+ 0.90+1.25 = ₹4.15

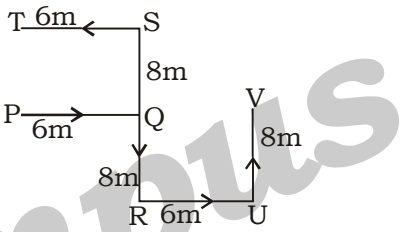
Total amount of 30 paise coin

$$= \frac{90}{4.15} \times 290.5$$

$= ₹63$

$\therefore$ Required no. of coins $= 63 \times \frac{100}{30} = 210$ coins.

99. (C)



Distance between T and U = TQ + QU

$= \sqrt{8^2 + 6^2} + \sqrt{8^2 + 6^2}$

$= 10 + 10 = 20$m.

$\therefore$ Point T is **20m** to the **North-west** of point U.

100. (B) Dog 4 Peacock 2

$\frac{336}{126} \rightarrow$ 480 240 336 96 : 144

Ratio between no. of dogs and peacock

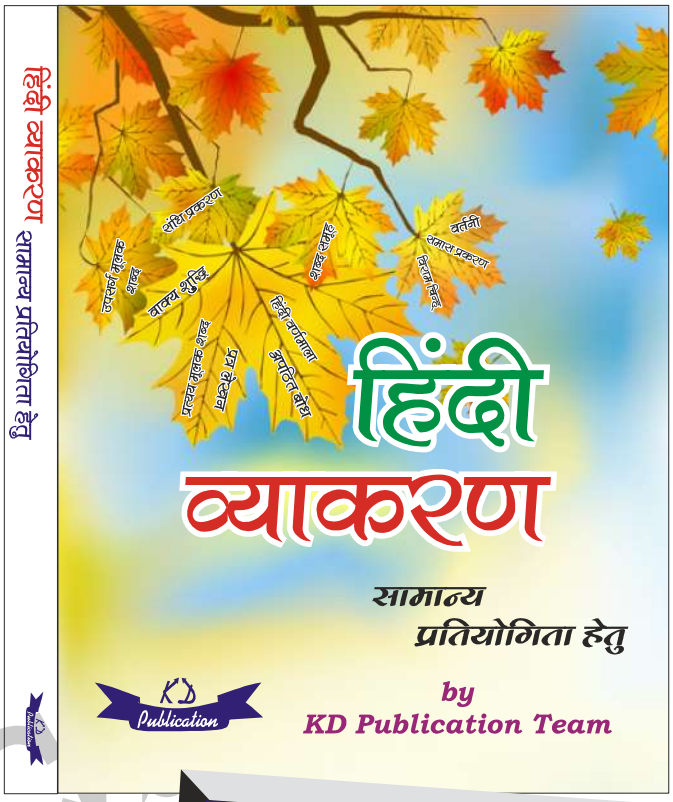
$= 2 : 3$

$\therefore$ Total number of dogs $= \frac{2}{5} \times 120$

$=$ **48** dogs.

UP-VDO MOCK TEST – 7 (ANSWER KEY)

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