HARYANA MOCK TEST – 117 (SOLUTION)

61. (C) A B D G : Z Y W T : B C E H : Y X V S
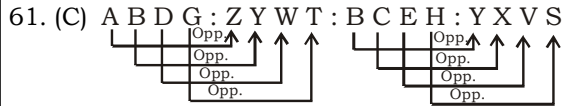
62. (A) 43 : 57 :: 111 : 133

$7^2 - 6$ $8^2 - 7$ $11^2 - 10$ $12^2 - 11$

63. (B) AEROPLANE is kept in Hanger as Car is kept in Garrage.

64. (C) Beak, except (C), all are parts of a plane.

65. (C) R A M A Y A N A ➔ B O B Z B N B S

Similarly,
G R A N T H ➔ I U O B S H

66. (D)
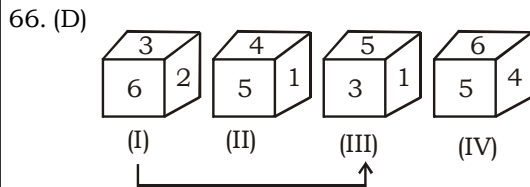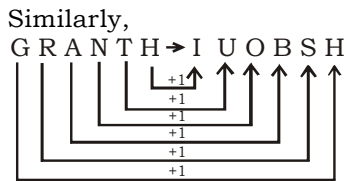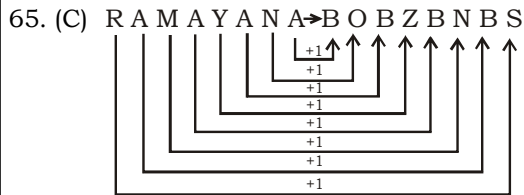
(I)   (II)   (III)   (IV)

Using I & III
3 – 2 – 6
3 – 5 – 1
So, 6 will be opposite to I.

67. (A) 22 × 3 = 66
66 × 3 = 198
198 × 3 = 594

68. (A) X

X > Z > Y
        ∨
        W

69. (C) cbba
$\overline{bb\underline{c}aa}$ $\overline{bb\underline{c}aa}$ $\overline{bbca\underline{a}}$

70. (C)

71. (A) C.I. when interest compounded yearly

$= ₹\left[5000 \times \left(1 + \dfrac{4}{100}\right) \times \left(1 + \dfrac{\frac{1}{2} \times 4}{100}\right)\right]$

$= ₹\left(5000 \times \dfrac{26}{25} \times \dfrac{51}{50}\right)$

= ₹ 5304

C.I. when interest is compounded half-yearly

$= ₹\left[5000 \times \left(1 + \dfrac{2}{100}\right)^3\right]$

$= ₹\left(5000 \times \dfrac{51}{50} \times \dfrac{51}{50} \times \dfrac{51}{50}\right)$

= ₹ 5306.04

∴ Difference = ₹ (5306.04 – 5304) = ₹ 2.04

72. (B) 20% = $\dfrac{1}{5}$

Price → 5   6

Quantity → 6   5

1 kg

∴ original price = $\dfrac{36}{5}$ = ₹ 7.20

73. (D) Average of runs of first 4 matches = 42
⇒ sum of runs of of first four matches
= 4 × 42 = 168
Average of runs of first 5 matches = 44
⇒ sum of runs of first 5 matches
= 44 × 5 = 220
Score in fifth inning = 220 – 168 = 52

74. (D) 5% of A + 4% of B = $\dfrac{2}{3}$ (6% of A + 8% of B)

$\Rightarrow \dfrac{5}{100}A + \dfrac{4}{100}B = \dfrac{2}{3}\left(\dfrac{6}{100}A + \dfrac{8}{100}B\right)$

5A + 4B

$= 4A + \dfrac{16}{3}B$

$A = \dfrac{16}{3} - \dfrac{4B}{1}$

$\Rightarrow A = \dfrac{4}{3}B = A : B = 4 : 3$

75. (C) Let the number of 25 p, 10 p and 5 p coins be x, $2x$, $3x$ respectively.
Then, sum of their values

$$= ₹\left(\frac{25x}{100} + \frac{10 \times 2x}{100} + \frac{5 \times 3x}{100}\right) = ₹\frac{60x}{100}$$

$$\therefore \frac{60x}{100} = 30 \Leftrightarrow x = \frac{30 \times 100}{60} = 50$$

Hence, the number of 5 p coins
= (3 × 50) = 150

76. (A) Total number of votes polled
= (1136 + 7636 + 11628) = 20400
As we can observe that winner received 11628 votes
∴ Required percentage

$$= \left(\frac{11628}{20400} \times 100\right)\% = 57\%$$

77. (D) 10% = $\frac{1}{10}$, 20% = $\frac{1}{5}$, 30% = $\frac{3}{10}$

Price	After loss
10	9
5	4
10	7
500	252

500 $\downarrow$×12.5   252 $\downarrow$×12.5

6250   **3150** after 3 years

78. (B) Largest four digit number = 9999
Let us find the LCM of 4, 5, 7, 8 and 9.
LCM (4, 5, 7, 8, 9) = 2520
2520) 9999 (3
$\underline{7560}$
2439
So, Required number = 9999 – 2439 = 7560

79. (D) We need to know the S.I., principal and time to find the rate.
Since the principal is not given, so data is inadequate.

80. (A) Total age of remaining 6 children
= 12 × 7 – 6
= 84 – 6 = 78 years

∴ Their average age = $\frac{78}{6}$ = 13 years

HARAYANA MOCK TEST – 117 (ANSWER KEY)

1.	(D)	11.	(A)	21.	(A)	31.	(D)	41.	(C)	51.	(A)	61.	(C)	71.	(A)	81.	(C)	91.	(C)
2.	(B)	12.	(A)	22.	(B)	32.	(B)	42.	(A)	52.	(B)	62.	(A)	72.	(B)	82.	(D)	92.	(A)
3.	(B)	13.	(B)	23.	(C)	33.	(D)	43.	(B)	53.	(D)	63.	(B)	73.	(D)	83.	(B)	93.	(C)
4.	(A)	14.	(B)	24.	(C)	34.	(D)	44.	(B)	54.	(B)	64.	(C)	74.	(D)	84.	(A)	94.	(A)
5.	(B)	15.	(A)	25.	(A)	35.	(A)	45.	(C)	55.	(C)	65.	(C)	75.	(C)	85.	(A)	95.	(C)
6.	(C)	16.	(A)	26.	(C)	36.	(D)	46.	(C)	56.	(A)	66.	(D)	76.	(A)	86.	(C)	96.	(D)
7.	(B)	17.	(D)	27.	(B)	37.	(C)	47.	(C)	57.	(B)	67.	(A)	77.	(D)	87.	(B)	97.	(A)
8.	(B)	18.	(D)	28.	(D)	38.	(A)	48.	(D)	58.	(A)	68.	(A)	78.	(B)	88.	(B)	98.	(C)
9.	(C)	19.	(A)	29.	(C)	39.	(B)	49.	(B)	59.	(A)	69.	(C)	79.	(D)	89.	(B)	99.	(A)
10.	(B)	20.	(A)	30.	(A)	40.	(B)	50.	(B)	60.	(B)	70.	(C)	80.	(A)	90.	(C)	100.	(A)

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