HARYANA CONSTABLE MOCK TEST-65 (SOLUTION)

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

Explanation:

3. (B) $2486 - 85 = 2401 = (49)^2$

4. (A) $\because \dfrac{a^3-b^3}{a^2+ab+b^2} = a-b$

$\therefore \dfrac{(0.96)^3-(0.1)^3}{(0.96)^2+(0.096)+0.01}$

$= \dfrac{(0.96)^3-(0.1)^3}{(0.96)^2+(0.096\times 0.1)+(0.1)^2}$

$= 0.96 - 0.1$

$= 0.86$

8. (B) $\sqrt{\left(\frac{1}{4}\right)\times\left(\frac{1}{49}\right)\div\left(\frac{25}{121}\right)}$

$= \sqrt{\left(\frac{1}{4}\right)\times\left(\frac{1}{49}\right)\times\left(\frac{121}{25}\right)}$

$= \frac{1}{2}\times\frac{1}{7}\times\frac{11}{5} = \frac{11}{70}$

9. (D) (3 men = 4 women) $\xrightarrow{\text{Total work}}$ 43 days

Now,

7 men + 5 women

$= 7 \text{ men} + \left(5\times\frac{3}{4}\right) \text{ men}$

$= \left(7+\frac{15}{4}\right)\text{men} = \left(\frac{28+15}{4}\right)\text{ men}$

$= \frac{43}{4}$ men

Now,

$\because$ 3 men $\xrightarrow{\text{Total work}}$ 43 days

$\therefore$ 1 men $\xrightarrow{\text{Total work}}$ (43 × 3) days

$\therefore \frac{43}{4}$ men $\xrightarrow{\text{Total work}} \frac{43\times 3}{43/4}$

= 12 days

16. (B) $\underset{x}{CP} \xrightarrow{+20\%} \underset{=x\times1.2}{MP} \xrightarrow{-20\%} \underset{=x\times1.2\times0.8=0.96x}{SP}$

Here, SP < CP $\Rightarrow$ Loss

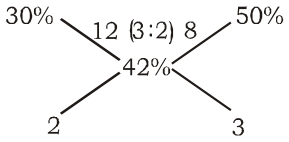
and loss % = $\frac{CP-SP}{CP}\times100\%$

$= \frac{x-0.96x}{x}\times100\%$

$= \frac{0.04x}{x}\times100\% = 4\%$

$\Rightarrow$ 4% Loss

17. (C)



$\Rightarrow$ Req. ratio = 2 : 3

18. (A) Average

$= \frac{61+67+71+73+79+83+89}{7}$

$= \frac{523}{7} = 74.71 \approx 74.85$

24. (C) Total age of 14 girls and teachers

= 225

Total age of 14 girls = 14 × 14 = 196

teacher's age = 225 – 196

= 29 years

25. (D) No of required days = $\frac{21\times28}{21+28}$ = 12 days

34. (C) CP of 23 toys = SP of 20 toys

$\Rightarrow$ (CP of 1 toy) : (SP of 1 toy)

20 : 23

(SP > CP $\Rightarrow$ Profit)

$\Rightarrow$% Profit = $\frac{SP-CP}{CP}\times100\%$

$= \frac{23-20}{20}\times100\%$

$= \frac{3}{20}\times100\% = 15\%$

35. (C) If, then B's income is more than A's income by

A's income is $\frac{5}{6}th$ of B's income.

$\Rightarrow$ B's income is $\frac{6}{5}$ of A's income.

$= \left(\frac{6}{5}\times100\right)\% = 120\%$

$\Rightarrow$ B's income is 120% of A's income.

$\Rightarrow$ B's income is more than A's income

120% – 100% = 20%

38. (D) A L P H A B T S

↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓

1 + 12 + 16 + 8 + 1 + 2 + 20 + 19 = 79

39. (B) (A) 7 + 3 +2 + 5 = 17

(B) 4 + 2 +5 + 7 = 18

(C) 5 + 4 +2 + 5 = 16

(D) 3 + 2 +5 + 7 = 17

44. (A) Speed of second train = $\frac{360\ km}{4\ hr}$

= 90 km/hr

and,

$\because$ The ratio between the speeds of two trains is 8 : 9

So,

Speed of First train = $\frac{8}{9}\times90$ km/hr

= 80 km/hr

Distance covered by 1st train in 3 hours

= 80 km/hr × 3 hrs

= 240 km

45. (A) For 2 years,

$CI - SI = \frac{Pr^2}{100^2}$

$32 = \frac{P\times8^2}{100^2}$

$\Rightarrow P = \frac{32\times100\times100}{64}$

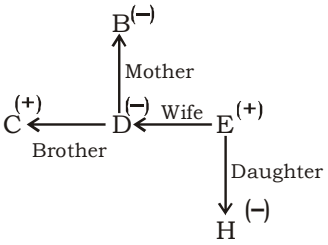
= 5000

$\Rightarrow$ Required sum = ₹ 5000

49. (C)

50. (B) Total members = 2 + 3 + 1 = 6

51. (B)



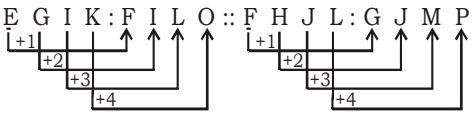
59. (B) Member , Family , Community
3 1 2
Locality Country
4 5

60. (A) Position of Suresh from initial point
= 39 – (17+7) + 1
= 40 – 24
= 16th

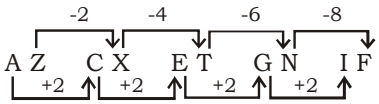
66. (C) REVISION

67. (C) Changing the sign as per the instruction
5 + 2 × 12 ÷ 6 - 2 = 7
5 × 2 + 12 - 6 ÷ 2 = 19
5 × 2 + 12 ÷ 6 - 2 = 10
5 - 2 × 12 ÷ 6 + 2 = 3

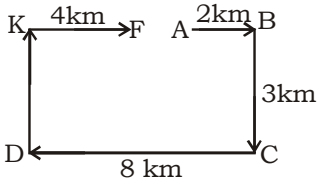
77. (D) E G I K : F I L O :: F H J L : G J M P



78. (C)



79. (A)



Here, DC = 8 km
KF = 4 km
AB = 2 km
∴ AF = DC - (KF + AB)
= 8 – (4+2)
= 8 – 6 = 2 km

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