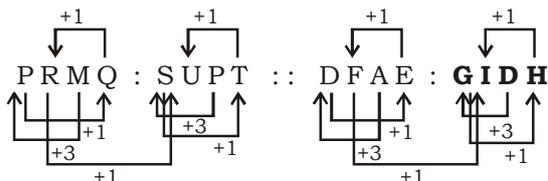


HARYANA MOCK TEST – 110 (SOLUTION)

61. (B) To mount means to get on a horse and to board means to get on a train.

62. (B)



63. (D) Except first letter move 3 step forward and second letter move 2 step forward.

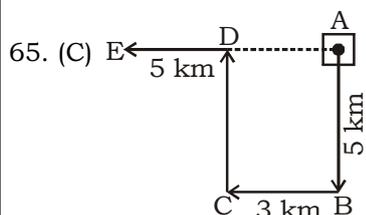
64. (B) Except 46, rest of the options are the difference between the cube and square of a number.

$$8^3 - 8^2 = 512 - 64 = 448$$

$$12^3 - 12^2 = 1782 - 144 = 1584$$

$$2^3 - 2^2 = 8 - 4 = 4$$

$$4^3 - 4^2 = 64 - 16 = 48 \neq 46$$



$$\begin{aligned} AE &= AD + DE \\ &= (3 + 5) \text{ kms} = 8 \text{ kms} \end{aligned}$$

66. (A) **zyz/xzx/zyz/xzx/zyz/xzx/y**

67. (A) $(40 \times 30)/100 = 1200/100 = 12$

$$(60 \times 50)/100 = 3000/100 = 30$$

$$(80 \times 60)/100 = 4800/100 = 48$$

68. (C) P = Q

$$S > R > T > P = Q$$

S is the eldest.

69. (B) Only son of Neha grand father means father of Neha. Therefore, Neha is sister of Vivek.

70. (C)

Number of dots on top face	•	••	•••
Number of dots on bottom face	•	•••	•••

So, we can find 3 points opposite to the face with 4 points.

71. (A) $18W \times 12d = 12M \times 9d$

$$\Rightarrow 2W = 1M$$

$$\Rightarrow M : W = 2 : 1$$

Now, $(8M + 8W) \times xd = 18W \times 12d$

$$\Rightarrow (8 \times 2 + 8 \times 1) \times x = 18 \times 1 \times 12$$

$$\Rightarrow x = \frac{18 \times 12}{24} = 9 \text{ days}$$

72. (C) Total income = ₹ 7800

$$10\% \text{ of } A = 15\% \text{ of } B = 20\% \text{ of } C$$

$$\text{If } 5\% = 1$$

then, $2A = 3B = 4C$

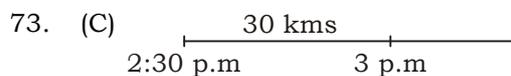
L.C.M = 12

$$A : B : C$$

$$\frac{12}{2} : \frac{12}{3} : \frac{12}{4}$$

$$A : B : C = 6 : 4 : 3 \Rightarrow \text{Total} = 13 \text{ units}$$

$$B's \text{ income} = \frac{4}{13} \times 7800 = ₹ 2400$$



Thief's speed = 60 km/hr

Speed of car owner = 75 km/hr

$$\therefore \text{Meeting Time} = \frac{30}{75 - 60} = 2 \text{ hrs}$$

\therefore Police will catch the thief at 3 p.m. + 2 hrs = 5 p.m

74. (C) Let the loss incurred is ₹ x when it is sold for ₹ 275.

and profit earned is ₹ 20x when it is sold for ₹ 800.

ATQ,

$$800 - 20x = 275 + x$$

$$\Rightarrow 21x = 800 - 275$$

$$\Rightarrow 21x = 525$$

$$\Rightarrow x = 25$$

\therefore Selling price to make a profit of 25%

$$= (275 + 25) \times \frac{125}{100}$$

$$= 300 \times \frac{125}{100} = ₹ 375$$

75. (D) From the given options, the least number which divide 200 and 320 is 20.

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76. (C) $\frac{9}{4} = \left(1 + \frac{r}{100}\right)^2$

$$\Rightarrow \frac{3}{2} - 1 = \frac{r}{100}$$

$$\Rightarrow r = 50\%$$

77. (A) C.P = $\frac{2400}{125} \times 100$
= ₹ 1920

$$\text{Profit \%} = \frac{(2040 - 1920)}{1920} \times 100$$

$$= \frac{120 \times 100}{1920} = 6.25\%$$

78. (A) Let fraction be = $\frac{x}{y}$

ATQ,

$$\frac{x \times 300}{y \times 500} = \frac{21}{20}$$

$$\therefore \frac{x}{y} = \frac{21}{20} \times \frac{5}{3} = \frac{7}{4} = 1 \frac{3}{4}$$

79. (B) Coins ₹ 1 50p 25p

No.	3	8	20
Value	3	4	5

Now, 3 + 4 + 5 = 12 ≡ ₹ 376 (Given)

$$\therefore 1 \equiv \frac{372}{12} = 31$$

$$\therefore \text{Total coins} = (3 + 8 + 20) \times 31 = 961$$

80. (B) Let the original volume of cylinder is 100

$$\text{then, } 100 \times \frac{50}{100} \times \frac{50}{100} \times \frac{160}{100} = 40$$

$$\begin{array}{ccc} & \curvearrowright & \\ & 100 & 40 \end{array}$$

Hence decrease = 100 - 40 = 60%

HARAYANA MOCK TEST - 110 (ANSWER KEY)

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