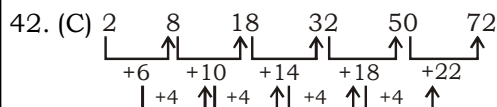


HARYANA SSC MOCK TEST - 63 (SOLUTION)

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

Explanation:

41. (A)



43. (D)

44. (A) DIARY

45. (D) SIGHT

46. (A) SYNDICATE → SYTENDCAI

↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
1	2	3	4	5	6	7	8	9	1	2	8	9	3	4	6	7	5

Similarly,

PSYCHOTIC → PSICYCOTH

↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓		
1	2	3	4	5	6	7	8	9	1	2	8	9	3	4	6	7	5

47. (D) $\frac{\text{Board}}{4}$ $\frac{\text{Bonus}}{2}$ $\frac{\text{Bound}}{1}$ $\frac{\text{Bunch}}{3}$

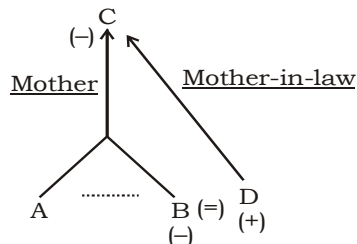
48. (A) a b / a b / a b / a b / a b

49. (B)

Column wise

Column (I) $(96 \div 6) + 5 = 21$
 Column (II) $(100 \div 4) + 7 = 32$
 Column (III) $(132 \div 6) + 3 = \boxed{25}$

50. (D)



51. (B) SP = ₹ 39

CP = ₹ x (say)

% profit = x%

Now,

$$CP = \frac{SP \times 100}{100 + x}$$

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$$\Rightarrow x = \frac{39 \times 100}{100 + x}$$

$$x^2 + 100x - 3900 = 0$$

$$x^2 + 130x - 30x - 3900 = 0$$

$$(x + 130)(x - 30) = 0$$

$$x = 30, -130$$

$$\text{Cost price} = ₹ 30$$

$$52. (B) \text{ CP of 1st table} = \frac{720 \times 100}{100 + 20} = ₹ 600$$

$$\text{CP of 2nd table} = \frac{720 \times 100}{100 - 20} = ₹ 900$$

$$\text{Total CP} = ₹ 1500$$

$$\text{Total SP} = ₹ 1440$$

$$\begin{aligned} \text{Total Loss} &= \text{CP} - \text{SP} \\ &= ₹ 1500 - 1440 \\ &= ₹ 60 \end{aligned}$$

$$53. (D) \text{ SI} = \frac{1000 \times 10 \times 4}{100} = ₹ 400$$

$$\text{CI} = 1000 \left[\left(1 + \frac{10}{100} \right)^4 - 1 \right]$$

$$= 1000[(1.4)^4 - 1]$$

$$= 1000 \times (1.4641 - 1)$$

$$= ₹ 464.10$$

$$\begin{aligned} \text{Req. Difference} &= ₹ 464.10 - ₹ 400 \\ &= ₹ 64.10 \end{aligned}$$

$$54. (D) \text{ Sum of 15 numbers} = 15 \times 7 = 105$$

$$\text{Sum of first 8 numbers}$$

$$= 8 \times 6.5 = 52$$

$$\text{Sum of last 8 numbers}$$

$$= 8 \times 8.8 = 68$$

$$\text{Middle number} = (52 + 68) - 105$$

$$= 120 - 105$$

$$= 15$$

$$55. (D) \text{ Let the three numbers be } x, y \text{ and } z.$$

$$y : z = 9 : 6$$

$$\text{and } x : y = 1 : 4$$

$$\Rightarrow z : x = 4 : 1$$

Now,

$$y : z : x = 18 : 12 : 3$$

$$= 6 : 4 : 1$$

$$\begin{aligned} \text{2nd number } y &= \frac{6}{6+4+1} \times 121 \\ &= 66 \end{aligned}$$

$$\begin{aligned} 56. (B) \text{ Let the two numbers be } 3x \text{ and } 5x. \\ \text{their LCM} &= 15x = 75 \\ \Rightarrow x &= 5 \end{aligned}$$

$$\therefore \text{HCF} = 5$$

$$\begin{aligned} 57. (B) \text{ Let B's salary} &= \text{Rs. } 100 \\ \text{A's salary} &= \text{Rs. } 130 \\ \text{\% of B's salary less than A's salary} \end{aligned}$$

$$= \frac{30}{130} \times 100$$

$$= \frac{300}{13} \%$$

$$= 23 \frac{1}{13} \%$$

$$58. (B) \text{ Ist part} = x \text{ \& part} = 24 - x \text{ (say)}$$

ATQ,

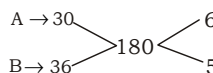
$$7x + 5(24 - x) = 146$$

$$7x - 5x = 146 - 120 = 26$$

$$x = 13$$

Ist part = 13

$$59. (B) \text{ ATQ,}$$



$$\begin{aligned} \text{Hence, Required days} &= \frac{180 - (25 \times 5)}{6 + 5} \\ &= \mathbf{5 \text{ days}} \end{aligned}$$

$$60. (A) \text{ ATQ,}$$

$$\frac{d}{4} + \frac{3d}{4} = 7$$

$$\Rightarrow \frac{d}{4} \times \frac{(6+15)}{90} = 7$$

$$\Rightarrow d = \frac{7 \times 90 \times 4}{21} = 120 \text{ km}$$

Hence, Required distance = **120 km**

Note:- If your opinion differs regarding any answer, please message the mock test and question number to 8860330003

Note:- If you face any problem regarding result or marks scored, please contact 9313111777