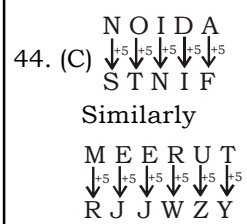
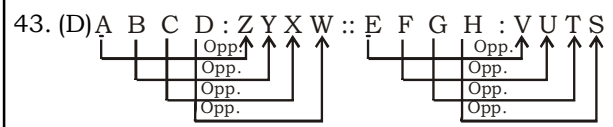
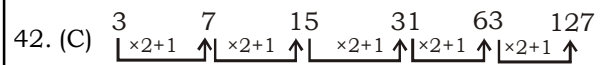


HARYANA SSC MOCK TEST - 38 (SOLUTION)

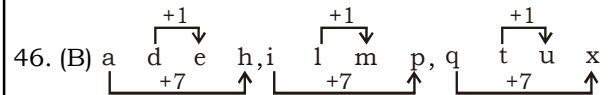
- | | | |
|---------|---------|----------|
| 1. (D) | 26. (C) | 51. (C) |
| 2. (D) | 27. (B) | 52. (B) |
| 3. (C) | 28. (C) | 53. (B) |
| 4. (A) | 29. (C) | 54. (B) |
| 5. (A) | 30. (A) | 55. (B) |
| 6. (D) | 31. (A) | 56. (D) |
| 7. (B) | 32. (A) | 57. (C) |
| 8. (D) | 33. (D) | 58. (A) |
| 9. (B) |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

Explanation:

41. (C) Except (C) all have same meaning.

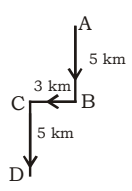


45. (D)



47. (B)

48. (D)



Hence required direction is South-West.

49. (B)

$$\begin{aligned} &73 + 46 \\ &\downarrow \quad \downarrow \\ &(10 + 10) \times 2 + 2^1 = 42 \\ &95 + 87 \\ &\downarrow \quad \downarrow \\ &(14 + 15) \times 2 - 1^2 = 57 \\ &62 + 80 \\ &\downarrow \quad \downarrow \\ &(8 + 8) \times 2 + 2^4 = 48 \end{aligned}$$

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50. (A) The father of the boy's uncle — the grandfather of the boy and daughter of the grandfather — sister of father.

51. (C) Let C.P be x.

$$S.P = 1.1x \quad [\text{Profit of } 10\%]$$

$$\text{If C.P} = x - 100 \text{ \& SP} = 1.1x + 20,$$

$$1.1x + 20 = 1.2(x - 100) = 0.1x = 140$$

$$\Rightarrow x = \text{Rs. } 1400$$

52. (B) For 1st 6 months

$$A : B : C = 1 : 4 : 3$$

For next 6 months

$$A : B : C = 3 : 4 : 3$$

Net ratio of A : B : C = 4 : 8 : 6

$$A's \text{ profit} = \frac{4}{18} \times \text{Total Profit} = 800$$

$$\text{Total profit} = \frac{800 \times 18}{4} = \text{Rs. } 3600$$

53. (B) No. of diagonals = $\frac{n(n-3)}{2}$

$$= \frac{10(7)}{2} = 35$$

54. (B) $2^{33} = \frac{2 \times 2^{32}}{17} = \frac{2 \times (2^4)^8}{17}$

$$= \frac{2 \times (16)^8}{17}$$

$$= 2 \times \frac{(17-1)^8}{17} \Rightarrow \text{Remainder} = (-1)^8$$

$$= (-1)^8 \times 2 = 2$$

55. (B) Old Price = x

$$\text{New Price} = 1.2x$$

$$\frac{50}{x} \cdot \frac{50}{1.2x} = 2$$

$$\frac{10}{1.2x} = 2$$

$$x = \frac{10}{2.4}$$

56. (D) $3^{x,8} = 3^{3(2x,1)}$

$$x, 8 = 6x, 3$$

$$5x = 5$$

$$x = 1$$

$$\text{Quantity bought before hike} = \frac{50}{x} = \frac{50}{1} \approx 2.4 \\ = 12$$

57. (C) 2003×2001

$$= (2002 + 1)(2002 - 1)$$

$$= (2002)^2 - 1$$

Adding 1, it becomes perfect square.

58. (A) $(2m + 5w)12 = (5m + 2w)9 = \text{work}$

$$24m + 60w = 45m + 18w$$

$$21m = 42w$$

$$m = 2w$$

$$\text{work} = (2m + 5w)12$$

$$\text{work} = 9 \times 12w$$

$$\text{work done by 3 women in days} = \frac{9 \times 12w}{3w} \\ = 36$$

59. (B) Weight of 35 students = 35×35

$$\text{Weight of students + teacher} = 36 \times 36$$

$$\text{Weight of teacher} = 36^2 - 35^2 = 36 + 35 = 71$$

60. (A) Let the coins of Rs. 1, 50 ps, 25 ps, 10 ps be x, 3x, 5x & 7x respectively.

$$\text{Net value} = x, \frac{3x}{2}, \frac{5x}{4}, \frac{7x}{10} = 22.25$$

$$\frac{89x}{20} = 22.25 \Rightarrow x = 5$$

Number of coins of 1 Rs. = 5.

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

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



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