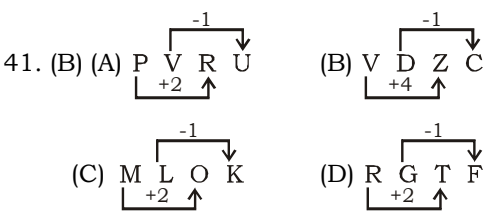


HARYANA SSC MOCK TEST - 40 (SOLUTION)

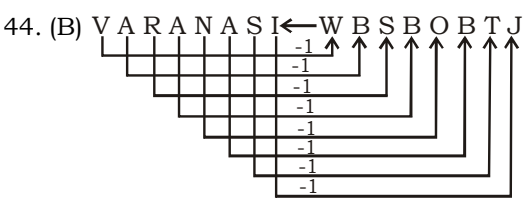
- | | | | |
|---------|---------|---------|----------|
| 1. (A) | 26. (A) | 51. (C) | 76. (A) |
| 2. (D) | 27. (C) | 52. (C) | 77. (D) |
| 3. (C) | 28. (D) | 53. (D) | 78. (A) |
| 4. (C) | 29. (D) | 54. (B) | 79. (C) |
| 5. (B) | 30. (D) | 55. (B) | 80. (A) |
| 6. (B) | 31. (C) | 56. (B) | 81. (A) |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

Explanation:

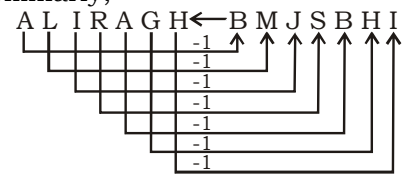


42. (A) $16 \xrightarrow{\times 2} 32 \xrightarrow{\times 3} 48 \xrightarrow{\times 4} 64$
 $17 \xrightarrow{\times 2} 34 \xrightarrow{\times 3} 51 \xrightarrow{\times 4} 68$
 $18 \xrightarrow{\times 2} 36 \xrightarrow{\times 3} 54 \xrightarrow{\times 4} 72$

43. (D) Wimbledon Trophy is associated with Tennis. Similarly, Walker Cup is associated with Golf.

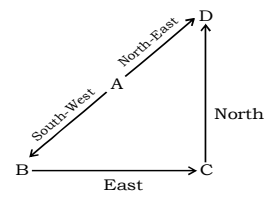


Similarly,



45. (D)
 46. (C) m n o / n o p q / o p q r s / **p q r s**
 47. (B) **COMMERCE**
 48. (D)
 49. (A) **F**
A
E
D
C
B

50. (D)



51. (C) Time taken by A & B together to complete

$$\text{the work} = \frac{30 \times 20}{30 + 20} = \frac{600}{50} = 12 \text{ days}$$

52. (C) $\sqrt{40 + \sqrt{9 \times 81}} = \sqrt{40 + \sqrt{9 \times 9}} = \sqrt{49} = 7$

53. (D) For the greatest possible profit for 1 book
 $= ₹ (350 - 150)$
 $= ₹ 200$

$$\therefore \text{For 15 boxes} = ₹ 15 \times 200 \\ = ₹ 3000$$

54. (B) LCM of $\frac{2}{3}, \frac{4}{9}, \frac{5}{6}$

$$= \frac{\text{LCM of } 2, 4, 5}{\text{HCF of } 3, 9, 6} = \frac{20}{3}$$

55. (B) Suppose B joins the business after x months.

$$\frac{\text{A's investment}}{\text{B's investment}} = \frac{2}{1}$$

$$\Rightarrow \frac{64000 \times 12}{48000 \times (12 - x)} = \frac{2}{1}$$

$$\Rightarrow \frac{16}{12 - x} = \frac{2}{1}$$

$$\Rightarrow 24 - 2x = 16$$

$$\Rightarrow 8 = 2x$$

$$\Rightarrow x = 4$$

Hence, B joins after 4 months.

56. (B) SP = 120% of 150

$$= \frac{120 \times 150}{100} = ₹ 180$$

57. (C) Let the age of two boys be $5x$ yrs and $6x$ yrs.
 ATQ,

$$\frac{5x + 2}{6x + 2} = \frac{7}{8}$$

$$\Rightarrow 42x + 14 = 40x + 16$$

$$\Rightarrow 2x = 2$$

$$\therefore x = 1$$

Ratio of their age after 12 yrs.

$$= \frac{5x + 12}{6x + 12} = \frac{5 \times 1 + 12}{6 \times 1 + 12} = \frac{17}{18}$$

58. (D) Distance covered by the train in 4.5 hours.
 $= 80 \times 4.5 = 360 \text{ km}$

$$\text{New Speed} = \frac{360}{4} = 90 \text{ km/h.}$$

59. (A) Average of all the numbers

$$= \frac{30 \times 40 + 40 \times 30}{70}$$

$$= \frac{2400}{70} = 34 \frac{2}{7}$$

60. (A) \because Mahuya got 10% less marks than Supriyo.

\Rightarrow 90% of marks obtained by Supriyo = 81

\Rightarrow Marks obtained by Supriyo

$$= \frac{81 \times 100}{90} = 90$$

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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