

HARYANA SSC MOCK TEST - 62 (SOLUTION)

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

Explanation:

41. (B) Except it others need specified group size.

42. (A)

43. (D) INDIA: (3, 2) means 3 vowels and 2 consonants. Similarly in WOMEN 2 vowels and 3 consonant.

44. (C)

$\vec{DE}, \vec{RS}, \vec{ST}, \vec{RT}, \vec{AE}, \vec{NR}$ (6)

45. (D)

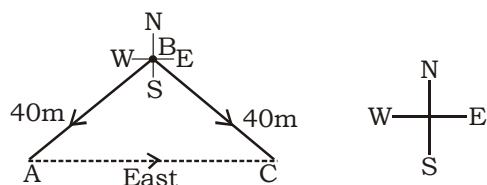
H O T E L
 $8 + 15 + 20 + 5 + 12 = 60 - 5$ (No. of letters) = 55

So, B O R E
 $2 + 15 + 18 + 5 = 40 - 4 = 36$
 (No. of letters) in BORE

46. (B)

47. (B) aabbcc/aabbcc/aaa

48. (B)



49. (A) In a simple year day of first date and the last date is same thus answer will be Friday.

50. (C) Because 'Electron' and Nucleus exist in atom.

51. (A) Suppose the 1st number is x
 Then, 2nd number = $100 - x$
 $\therefore \text{HCF} \times \text{LCM} = \text{1st number} \times \text{2nd number}$
 $5 \times 495 = x(100 - x)$
 $\Rightarrow x^2 - 100x + 2475 = 0$
 $\Rightarrow x = 45$ or $x = 55$
 Required difference = $55 - 45 = 10$


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52. (C) Let the four numbers be $x, 2x, 3x$ and $4x$.

Then,

$$x + 2x + 3x + 4x = 20$$

$$10x = 20$$

$$\Rightarrow x = 2$$

$$\text{Ist number} + 4\text{th number} = x + 4x$$

$$= 5x$$

$$= 5 \times 2 = 10$$

53. (B) Let the SP of each article = ₹ x .

Then,

$$\text{CP of 12 articles} = ₹ 8 \times x = ₹ 8x$$

$$\text{SP of 12 articles} = ₹ 12 \times x = ₹ 12x$$

$$\% \text{ profit} = \frac{\text{SP} - \text{CP}}{\text{CP}} \times 100$$

$$= \frac{12x - 8x}{8x} \times 100$$

$$= \frac{4x}{8x} \times 100 = 50\%$$

54. (B) Total age of 12 players = 12×25

$$= 300 \text{ yrs}$$

$$\text{Total age including captain's age} = 13 \times 26$$

$$= 338 \text{ yrs}$$

$$\text{Age of the captain} = 338 - 300$$

$$= 38 \text{ years}$$

55. (C) Part filled by A and B in 1 hour

$$= \frac{1}{12} + \frac{1}{15} = \frac{5+4}{60} = \frac{9}{60} = \frac{3}{20}$$

Part filled by A & C in the next 1 hour

$$= \frac{1}{12} + \frac{1}{20} = \frac{5+3}{60} = \frac{8}{60} = \frac{2}{15}$$

Part filled in 2 hours

$$= \frac{3}{20} + \frac{2}{15} = \frac{9+8}{60} = \frac{17}{60}$$

Part filled in 6 hours

$$= 3 \times \frac{17}{60} = \frac{51}{60}$$

Remaining part

$$= 1 - \frac{51}{60} = \frac{9}{60} = \frac{3}{20}$$

$$\therefore \frac{3}{20} \text{ part is filled in 1 hour.}$$

Total time taken = $(6 + 1) = 7$ hours

56. (A) $\therefore 5 \text{ men} \times 6 = 10 \text{ women} \times 5$

$$\Rightarrow 3 \text{ men} = 5 \text{ women}$$

Now,

$$5 \text{ women} + 3 \text{ men}$$

$$= 5 \text{ women} + 5 \text{ women}$$

$$[\because 3 \text{ men} = 5 \text{ women}]$$

$$= 10 \text{ women}$$

$\therefore 10$ women complete the work in 5 days.

\therefore Time taken by 5 women & 3 men to complete the work = 5 days

57. (C) Single Equivalent discount (for successive discount of 10% and 30%)

$$= 10 + 30 - \frac{30 \times 10}{100} = 37\%$$

58. (B) Let the three numbers be x, y and z .

Then,

$$x + y + z = 60 \times 3 = 180$$

Again,

$$x = \frac{1}{4}(y + z)$$

$$\Rightarrow x + 4x = 180$$

59. (B) Let the cost price of the goods be ₹ 100.

$$\text{Marked price} = ₹ 125$$

$$\text{SP} = 90\% \text{ of } 125 = ₹ 112.5$$

$$\% \text{ profit} = (112.5 - 100)\% = 12.5\%$$

60. (B) Let r_1 and r_2 be the rates of interest from two different sources.

ATQ,

$$\text{SI}_1 - \text{SI}_2 = 13.50$$

$$\Rightarrow \frac{1500 \times r_1 \times 3}{100} - \frac{1500 \times r_2 \times 3}{100} = 13.50$$

$$\Rightarrow \frac{1500 \times 3}{100} [r_1 - r_2] = 13.50$$

$$\Rightarrow r_1 - r_2 = \frac{13.50 \times 100}{1500 \times 3} = \frac{1350}{4500} = 0.3\%$$

$$\Rightarrow x = \frac{180}{5} = 36$$

$$\text{First number} = 36$$

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