

HARYANA SSC MOCK TEST-25 (Solution)

1. (D) $3 : 3^5 = 243$
 $5 : 5^5 = 3125$
2. (D)
3. (C) $J L J G : O O O T :: F H F D : U S U W$
4. (B) $D \xrightarrow{+3} G \xrightarrow{+3} J$
 $E \xrightarrow{+3} H \xrightarrow{+4} L$ not similar.
 $B \xrightarrow{+3} E \xrightarrow{+3} H$
 $C \xrightarrow{+3} F \xrightarrow{+3} I$
5. (A) Option (A) is the capital of India while others are capital of states
6. (B) Except (B) all are perfect square.
7. (C) $F \downarrow 21$, $A \downarrow 26$, $N \downarrow 13$
 opposite place value of given word
 Similarly,
 $D \downarrow 23$, $E \downarrow 22$, $A \downarrow 26$, $D \downarrow 23$
 opposite place value of given word
8. (A) $462 \xrightarrow{-42} 420 \xrightarrow{+22} 442 \xrightarrow{-40} 402 \xrightarrow{-38} 364 \xrightarrow{-36} 328$
9. (B) A N I M A L
10. (B) $(14 \times 4) - (12 \times 3) = 20$
 $(9 \times 9) - (13 \times 3) = 42$
 $(12 \times 8) - (7 \times 11) = 19$
 Similarly,
 $(20 \times 10) - (20 \times x) = 40$
 $200 - 20x = 40$
 $20x = 160$
 $\therefore x = 8$
11. (B) D can dance as well as sing.
12. (D) $8 - 7 \Rightarrow 8 \times 7 \Rightarrow 56$
 $4 - 7 \Rightarrow 4 \times 7 \Rightarrow 28$
 $13 - 6 \Rightarrow 13 \times 6 \Rightarrow 78$
 $18 - 9 \Rightarrow 18 \times 9 \Rightarrow 162$
13. (D)
14. (C) $64 - 22 = 42$
 $79 - 27 = 52$

- $91 - 18 = 73$
15. (C)
16. (A) Let the number of one-rupee, 50-p and 25-p coins be $5x$, $9x$ and $25x$ respectively. Then
 $5x + \frac{9x}{2} + \frac{25x}{4} = 1008$
 $\Rightarrow 20x + 18x + 25x = 4032$
 $63x = 4032$
 $\Rightarrow x = \frac{4032}{63} \Rightarrow x = 64$
 Number of 50-p coins = $9 \times 64 = 576$
17. (B) Let the quantity of spirit and water be $3x$ litres and $2x$ litres.
 Then $3x - 2x = 3$
 $\Rightarrow x = 3$
 Spirit = (3×3) litres = 9 litres
18. (B) $\frac{a}{3} = \frac{b}{4} = \frac{c}{7} = k$
 $a = 3k, b = 4k, c = 7k$
 $\Rightarrow \frac{3k + 4k + 7k}{7k} = \frac{14k}{7k} = 2$
19. (B) 13th result = (sum of 25 students) - (Sum of 24 result except 13th)
 $= (18 \times 25) - [(14 \times 12) + (17 \times 12)]$
 $= 450 - (168 + 204) = (450 - 372) = 78$
20. (B) Short Cut Method
 Average Rate = $\frac{2xy}{(x+y)}$ km/hr
 $= \frac{2 \times 6 \times 4}{10} = \frac{48}{10} = 4.8$ km/hr.
21. (B) Short Cut Method
 $\frac{R}{100 \pm R} \times 100 \Rightarrow \frac{15}{115} \times 100 = 13 \frac{1}{23} \%$
22. (B) Quantity of water in 100 kg of fresh fruits
 $= \left(\frac{68}{100} \times 100 \right) \text{Kg} = 68 \text{ Kg}$
 Quantity of pulp in it = $(100 - 68) \text{Kg} = 32 \text{ Kg}$
 Let the dry fruit has x Kg water in it
 $= \left(\frac{20}{100} \times x \right) \text{kg} = \frac{x}{5} \text{ kg}$



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Quantity of pulp in it

$$= \left(x - \frac{x}{5}\right) \text{Kg} = \frac{4x}{5} \text{ Kg}$$

$$\therefore \frac{4x}{5} = 32 \Rightarrow x = \frac{32 \times 5}{4} = 40 \text{ Kg}$$

23. (C) Short cut Method-

$$\text{Loss \%} = \frac{\text{II}}{\text{I} + \text{II}} \times 100$$

$$= \frac{4}{40} \times 100 = 10\%$$

24. (A) M.P. = ₹ 800 and discount = 10%

$$\text{S.P.} = ₹ \left[\frac{90}{100} \times 800 \right] = ₹ 720$$

Profit % = 20%

$$\text{C.P.} = ₹ \left[\frac{100}{120} \times 720 \right] = ₹ 600$$

25. (C) Short cut Method -

$$\text{C.P.} = \frac{(400 - 350)}{5} \times 100$$

$$= \frac{50}{5} \times 100 = ₹ 1000$$

26. (D) Let some orange C.P = (1,2,2,3,3,5)
L.C.M = 30

$$\text{Total C.P.} = \text{Rs.} \left(\frac{1}{2} \times 30 + \frac{2}{3} \times 30 \right) = \text{Rs.} 35$$

$$\text{Total S.P.} = \left(\frac{3}{5} \times 60 \right) \text{Rs.} = \text{Rs.} 36$$

$$\text{Profit \%} = \left(\frac{1}{35} \times 100 \right) \% = \frac{20}{7} \% = 2\frac{6}{7} \%$$

27. (B) Short cut Method -

$$\frac{342}{18} \quad \text{and} \quad \frac{47}{18}$$

remainder = 0 remainder = 11

28. (D) $3^{25} (1 + 3^1 + 3^2 + 3^3)$

$$\Rightarrow 3^{25} \times (40)$$

$$\Rightarrow 3 \times 40 = 120 \text{ which is dividible by } 30$$

$$29. (B) \frac{1}{3} \times \left[\frac{1}{1} - \frac{1}{4} + \frac{1}{4} - \frac{1}{7} + \dots + \frac{1}{13} - \frac{1}{16} \right]$$

$$\frac{1}{3} \times \left[1 - \frac{1}{16} \right] \Rightarrow \frac{1}{3} \times \frac{15}{16} = \frac{5}{16}$$

30. (C) Let three numbers be $4x$, $5x$ and $6x$ respectively:

$$\Rightarrow 4x + 5x + 6x = 75$$

$$15x = 75$$

$$x = 5$$

$$\text{Required number} = 6x = 6 \times 5 = 30$$



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HARYANA SSC MOCK TEST - 25 (ANSWER KEY)

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

CORRECTION OF MOCK TEST-24

48. (C)
82. (D)

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