

HARYANA CONSTABLE MOCK TEST-66 (SOLUTION)

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

Explanation:

3. (A) $\sqrt[3]{3^n} = 27$

$$\Rightarrow (3^n)^{\frac{1}{3}} = 3^3$$

$$\Rightarrow (3)^{\frac{n}{3}} = 3^3$$

$$\Rightarrow \frac{n}{3} = 3$$

$$\Rightarrow n = 9$$

4. (B) $\frac{3x+5}{5x-2} = \frac{2}{3}$

$$\Rightarrow 3(3x+5) = 2(5x-2)$$

$$\Rightarrow 9x + 15 = 10x - 4$$

$$\Rightarrow x = 19$$

9. (D) Weight of new men = weight of replaced men + total increased weight

$$= 55 \text{ kg} + \left(12 \times \frac{1}{3}\right) \text{ kg}$$

$$= 55 \text{ kg} + 4 \text{ kg} = 59 \text{ kg}$$

10. (D) Let MP = 100

$$\text{Then, SP} = 100 - 25\% \text{ of } 100 \\ = 100 - 25 = 75$$

$$\text{So, \% profit} = \frac{100 - 75}{75} \times 100\%$$

$$= \frac{25}{75} \times 100\% = \frac{1}{3} \times 100\% = 33\frac{1}{3}\%$$

15. (C) Required % =

$$\frac{\text{No. of total won games}}{\text{No. of total palyed games}} \times 100\%$$

$$= \frac{24}{40} \times 100\% = 60\%$$

16. (C) % profit by A

$$= \left\{ 100 \times \frac{(100-5)}{100} \times \frac{(100+20)}{100} - 100 \right\} \%$$

$$= \left\{ 100 \times \frac{95}{100} \times \frac{120}{100} - 100 \right\} \%$$

$$= (114 - 100) \%$$

$$= 14 \%$$

17. (C) Let rates are r_1 and r_2
Difference between the interests

$$= \frac{CP \times T \times (r_1 - r_2)}{100}$$

$$\Rightarrow 2.50 = \frac{500 \times 2 \times (r_1 - r_2)}{100}$$

$$\text{So, } (r_1 - r_2) = \frac{2.50 \times 100}{500 \times 2} = 0.25$$

$$= 0.25 \%$$

22. (A) Boys : Girls = 4 : 3
Girls : Teachers = 8 : 1

So,
Boys : Girls : Teachers
 $4 \times 8 : 3 \times 8 : 3 \times 1$
 $32 : 24 : 3$

So,
Students : Teachers
 $(32 + 24) : 3$
 $56 : 3$

23. (D) Number of terms in series = 61

$$\text{Middle term} = \frac{61+1}{2} = 31^{\text{st}}$$

So,
Value of Middle term $t_{31} = a + (31 - 1) \times d$
 $= 2 + (31 - 1) \times 3$
 $= 2 + 90 = 92$

31. (D) CP of A $\xrightarrow{10\% \uparrow}$ CP of B $\xrightarrow{5\% \uparrow}$ CP of C

$$\Rightarrow \text{CP of A} \times \frac{110}{100} \times \frac{105}{100} = \text{Rs. } 462$$

$$\Rightarrow \text{CP of A} = \frac{462 \times 100 \times 100}{110 \times 105} = \text{Rs. } 400$$

32. (D) Let two number be a and b , Where $a > b$.

$$\text{ATQ, } a - b = 3 \quad \dots (i)$$

$$\text{and } a^2 - b^2 = 39$$

$$\text{Now, } a^2 - b^2 = (a - b)(a + b)$$

$$\text{i.e. } 39 = 3 \times (a + b)$$

$$\Rightarrow a + b = \frac{39}{3} = 13 \quad \dots (ii)$$

$$(i) + (ii) \Rightarrow a - b = 3$$

$$\frac{a + b = 13}{2a = 16}$$

$$\Rightarrow a = 8$$

\Rightarrow Larger number = 8

38. (D) $A : B$ and $B : C$
 $5 : 3$ $4 : 5$

So, $A : B : C$
 $5 \times 4 : 3 \times 4 : 3 \times 5$
 $20 : 12 : 15$

$$\text{Scored by B} = \frac{12}{(20+12+15)} \times 564$$

$$= 144$$

39. (A) 125% of $x = 100$

$$\Rightarrow \frac{125}{100} \times x = 100$$

$$\Rightarrow x = \frac{100 \times 100}{125} = 80$$

42. (C) $(5 \times 2) + (4 \times 5) = 30$

$$(7 \times 3) + (2 \times 1) = 23 \text{ और}$$

$$(8 \times 4) + (5 \times 2) = 42$$

Similarly,

$$(6 \times 2) + (6 \times 3) = 30$$

43. (D) PARTS : STRAP :: WOLF : FLOW

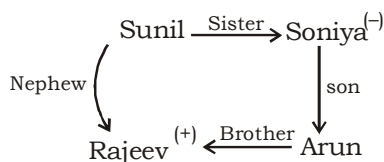


46. (A) $2 \quad 5 \quad 12 \quad 27 \quad 58 \quad 121 \quad 248$
 $\uparrow \uparrow \uparrow \uparrow \uparrow \uparrow$
 $(\times 2+1) (\times 2+2) (\times 2+3) (\times 2+4) (\times 2+5) (\times 2+6)$

47. (D) (A) A E F J (B) K O P T
 $\uparrow \uparrow \uparrow \uparrow$ $\uparrow \uparrow \uparrow \uparrow$
 $+4 \quad +1 \quad +1 \quad +4$ $+4 \quad +1 \quad +1 \quad +4$

(C) U Y Z D (D) E H I L
 $\uparrow \uparrow \uparrow \uparrow$ $\uparrow \uparrow \uparrow \uparrow$
 $+4 \quad +1 \quad +1 \quad +4$ $+3 \quad +1 \quad +1 \quad +3$

52. (D)



53. (D) cow grass milk curd butter
5 2 4 1 3

59. (A)


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60. (D)
- | | | | | | | |
|---|------|---|---|-------------|---|----|
| G | Opp. | → | T | Place value | → | 20 |
| A | Opp. | → | Z | Place value | → | 26 |
| R | Opp. | → | I | Place value | → | 9 |
| M | Opp. | → | N | Place value | → | 14 |
| E | Opp. | → | V | Place value | → | 22 |
| N | Opp. | → | M | Place value | → | 13 |
| T | Opp. | → | G | Place value | → | 7 |

Similarly,

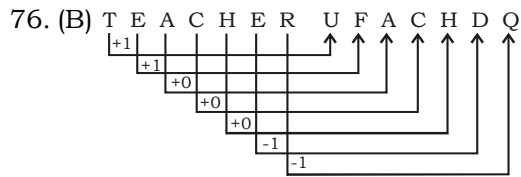
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|---|------|---|---|-------------|---|----|
| I | Opp. | → | R | Place value | → | 18 |
| N | Opp. | → | M | Place value | → | 13 |
| D | Opp. | → | W | Place value | → | 23 |
| U | Opp. | → | F | Place value | → | 6 |
| L | Opp. | → | O | Place value | → | 15 |
| G | Opp. | → | T | Place value | → | 20 |
| E | Opp. | → | V | Place value | → | 22 |

68. (D)
- | | | | | | |
|---|---|---------|----|---|---------|
| I | { | Raju | II | { | Manohar |
| | | Vasant | | | Jayant |
| | | Manohar | | | Dutta |

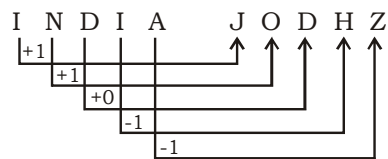
- | | | |
|--------|---|---------|
| I + II | { | Raju |
| | | Vasant |
| | | Manohar |
| | | Jayant |
| | | Dutta |

69. (B) m m l l m m m m l l

75. (D) Milk is white but white is called yellow in code language.



Similarly,



Correction of Mock test-65

19. (C)

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

Note:- Whatsapp with Mock Test No. and Question No. at 7053606571 for any of the doubts. Join the group and you may also share your suggestions and experience of Sunday Mock Test.

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