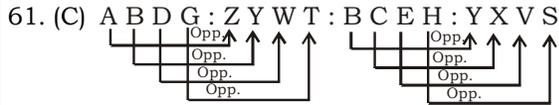


**HARYANA MOCK TEST – 154 (SOLUTION)**

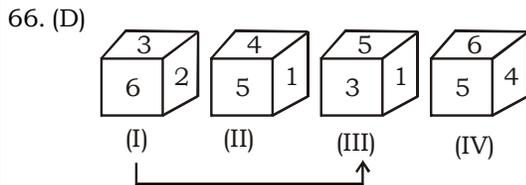
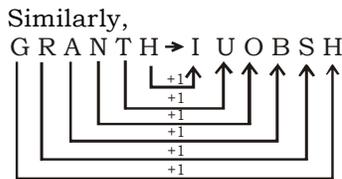
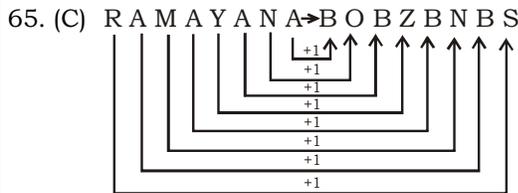


62. (A)  $43 : 57 :: 111 : 133$

$7^2-6 \quad 8^2-7 \quad 11^2-10 \quad 12^2-11$

63. (B) AEROPLANE is kept in Hanger as Car is kept in Garrage.

64. (C) Beak, except (C), all are parts of a plane.



Using I & III  
 $3 - 2 - 6$   
 $3 - 5 - 1$   
 So, 6 will be opposite to I.

67. (A)  $22 \times 3 = 66$   
 $66 \times 3 = 198$   
 $198 \times 3 = 594$

68. (A) X  
 $X > Z > Y$   
 W

69. (C) cbba  
 $\overline{bbcaa} \overline{bbcaa} \overline{bbcaa}$

70. (C)

71. (A) C.I. when interest compounded yearly

$$= ₹ \left[ 5000 \times \left( 1 + \frac{4}{100} \right) \times \left( 1 + \frac{\frac{1}{2} \times 4}{100} \right) \right]$$

$$= ₹ \left( 5000 \times \frac{26}{25} \times \frac{51}{50} \right)$$

$$= ₹ 5304$$

C.I. when interest is compounded half-yearly

$$= ₹ \left[ 5000 \times \left( 1 + \frac{2}{100} \right)^3 \right]$$

$$= ₹ \left( 5000 \times \frac{51}{50} \times \frac{51}{50} \times \frac{51}{50} \right)$$

$$= ₹ 5306.04$$

$$\therefore \text{Difference} = ₹ (5306.04 - 5304) = ₹ 2.04$$

72. (B)  $20\% = \frac{1}{5}$

Price → 5      6

Quantity → 6      5

└───┬───┘  
1 kg

$$\therefore \text{original price} = \frac{36}{5} = ₹ 7.20$$

73. (D) Average of runs of first 4 matches = 42  
 $\Rightarrow$  sum of runs of first 4 matches =  $4 \times 42 = 168$

Average of runs of first 5 matches = 44  
 $\Rightarrow$  sum of runs of first 5 matches =  $44 \times 5 = 220$

$$\text{Score in fifth inning} = 220 - 168 = 52$$

74. (D)  $5\% \text{ of } A + 4\% \text{ of } B = \frac{2}{3} \text{ (} 6\% \text{ of } A + 8\% \text{ of } B \text{)}$

$$\Rightarrow \frac{5}{100} A + \frac{4}{100} B = \frac{2}{3} \left( \frac{6}{100} A + \frac{8}{100} B \right)$$

$$5A + 4B$$

$$= 4A + \frac{16}{3} B$$

$$A = \frac{16}{3} - \frac{4B}{1}$$

$$\Rightarrow A = \frac{4}{3} B = A : B = 4 : 3$$

75. (C) Let the number of 25 p, 10 p and 5 p coins be  $x, 2x, 3x$  respectively.  
 Then, sum of their values

$$= ₹ \left( \frac{25x}{100} + \frac{10 \times 2x}{100} + \frac{5 \times 3x}{100} \right) = ₹ \frac{60x}{100}$$

$$\therefore \frac{60x}{100} = 30 \Leftrightarrow x = \frac{30 \times 100}{60} = 50$$

Hence, the number of 5 p coins  
=  $(3 \times 50) = 150$

76. (A) Total number of votes polled  
=  $(1136 + 7636 + 11628) = 20400$

As we can observe that winner received  
11628 votes

$\therefore$  Required percentage

$$= \left( \frac{11628}{20400} \times 100 \right) \% = 57\%$$

77. (D)  $10\% = \frac{1}{10}$ ,  $20\% = \frac{1}{5}$ ,  $30\% = \frac{3}{10}$

Price	After loss
10	9
5	4
10	7
<hr/>	
500	252
$\downarrow \times 12.5$	$\downarrow \times 12.5$
6250	<b>3150</b> after 3 years

78. (B) Largest four digit number = 9999  
Let us find the LCM of 4, 5, 7, 8 and 9.  
LCM (4, 5, 7, 8, 9) = 2520  
2520 ) 9999 ( 3

$$\begin{array}{r} 7560 \\ 2439 \end{array}$$

So, Required number =  $9999 - 2439 = 7560$

79. (D) We need to know the S.I., principal and time to find the rate.

Since the principal is not given, so data is inadequate.

80. (A) Total age of remaining 6 children  
=  $12 \times 7 - 6$   
=  $84 - 6 = 78$  years

$$\therefore \text{Their average age} = \frac{78}{6} = 13 \text{ years}$$



## HARAYANA MOCK TEST – 154 (ANSWER KEY)

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

**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**