

**HSSC MOCK TEST – 150 (SOLUTION)**

61. (C) Tiger is the national animal of India and snow leopard is the national animal of Afghanistan.

62. (A)  $13 \times 87 = 1131$        $29 \times 87 = 2523$

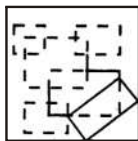
63. (C) As, C M F R      L G K N  
 $+7$        $+5$   
 $-6$        $-4$

So, L G K N      S A P J  
 $+7$        $+5$   
 $-6$        $-4$

64. (D) Except 1241, rest are the multiple of 13 where 1241, is a multiple of 17.

65. (D) Renin, Pepsin and Trypsin are types of enzyme whereas Lexin is not an enzymes.

66. (D) On close observation, we find that figure contains figure (D) rotated through an angle of  $135^\circ$  as shown below:



Hence, the answer is (D).

67. (B) a b c d / a b b c d / a b c c d / a b c d d d.

68. (C) Clearly, F is the maternal uncle of D means F is the brother of D's mother i.e., F is the brother of C. C is the sister of B. So, F is the brother of B who is A's mother. Thus, F is the maternal uncle of A. So, A and D are the nephews of F i.e., F has two nephews.

69. (B)  $\sqrt[3]{3 \times 6 \times 12} = 6$

$\sqrt[3]{2 \times 20 \times 25} = 10$

$\sqrt[3]{2 \times 4 \times 64} = 8$

70. (D)

71. (D)  $10\% = \frac{1}{10}$ ,  $25\% = \frac{1}{4}$ ,  $20\% = \frac{1}{5}$

A : B : C : D

9      10  
 $5 \times 2$        $4 \times 2$   
 $4 \times 2$        $5 \times 2$   


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9 : 10      8 : 10  
 $\downarrow \times 80$        $\downarrow \times 80$   
720      800

D got = 800 marks

$\therefore$  Required % =  $\frac{800}{1000} \times 100 = 80\%$

72. (A) Simple interest for 3 years  
=  $76.51 - 1.51 = ₹ 75$

$\therefore$  Rate % =  $\frac{75 \times 100}{1250 \times 3} = 2\%$

73. (C)  $1 : \frac{2}{2} : \frac{3}{4}$

4 : 4 : 3  
11 = 55  
1 = 5  
4 = 20  
 $20 \times 2 = 40$

74. (C)  $10\% = \frac{1}{10}$

**C.P**      **S.P**  
10      —      11  
 $\downarrow \times 40.5$        $\downarrow$   
405      445.5

$\therefore$  1 kg potato rotten  
 $\therefore$  S.P of remaining potato

=  $\frac{445.5}{9} = ₹ 49.5/\text{kg}$

75. (D)  $5x \times 8 : 6x \times y$

$\frac{5x \times 8}{6x \times y} = \frac{5}{9}$

$\frac{8}{2y} = \frac{1}{3}$

$y = 12$  months

76. (A) C.P. of 30 kg =  $30 \times 9.50 = ₹ 285$

C.P. of 40 kg =  $40 \times 8.50 = ₹ 340$

Total C.P. of 70 kg =  $285 + 340 = ₹ 625$

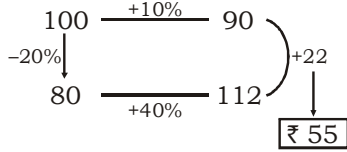
S.P. of 70 kg =  $70 \times 8.90 = ₹ 623$

Loss =  $₹ 625 - ₹ 623 = ₹ 2$

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**PLOT NO. 2 SSI, OPP METRO PILLAR 150, GT KARNAL ROAD, JAHANGIRPURI DELHI: 110033**

77. (A) Let the price of article be 100  
ATQ,



$\therefore$  cost price of article =  $\frac{55 \times 100}{22} = ₹ 250$

78. (D) Difference of correct and incorrect marks  
= 64 - 46 = 18  
 $\therefore$  Correct mean

=  $52 + \frac{18}{36} = 52.5$

79. (A) Let Vimal's age and Arun's age be  
3x years & 5x years respectively.

ATQ,

$3x + 5x = 80$

$8x = 80$

$x = 10$

Vimal's age =  $3x = 3 \times 10 = 30$  years

Arun's age =  $5x = 5 \times 10 = 50$  years

After 10 years

Vimal's age =  $30 + 10 = 40$  years

Arun's age =  $50 + 10 = 60$  years

$\therefore$  Ratio of their ages after 10 years

$40 : 60 = 2 : 3$ .

80. (B) Amount deposited = 31,100

1% of 10,000 =  $\frac{100}{31,200}$

96% of total sale = 31,200

100% =  $31,200 \times \frac{100}{96} = ₹ 32,500$

91. (C) Verb such as 'see, smell, feel etc. are followed by 'V<sub>1</sub> + ing'.

Hence, this sentence should be as 'several people saw the thief **snatching** my purse'.

92. (A) 'Suppose' and 'if' cannot come together. Use either of the two.



**HSSC MOCK TEST - 150 (ANSWER KEY)**

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

**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**