HARYANA MOCK TEST – 114 (SOLUTION)

61. (C) Calendar is a list of dates whereas dictionary is a collection of **words**.

62. (A)
$$U \quad S \quad P \quad L$$
$$\uparrow{+1} \quad \uparrow{+3} \quad \uparrow{+3} \quad \uparrow{+1}$$
$$T \quad P \quad M \quad K \xrightarrow{\text{Reverse}} K\,M\,P\,T$$

$$L \quad J \quad G \quad C$$
$$\uparrow{+1} \quad \uparrow{+3} \quad \uparrow{+3} \quad \uparrow{+1}$$
$$K \quad G \quad D \quad B \xrightarrow{\text{Reverse}} \mathbf{B\,D\,G\,K}$$

63. (A) All except dog come under the category of cattle.

64. (D) Only 83 is a prime number.

65. (C)

66. (B) $16 \times 4 = 64 \Rightarrow 6 - 4 = 2$
$9 \times 8 = 72 \Rightarrow 7 - 2 = 5$
$27 \times 3 = 81 \Rightarrow 8 - 1 = \mathbf{7}$

67. (C) A nib is fitted in the pen to write with it. But a nib is called needle. So, a needle will be fitted in the pen.

68. (A) Let the age of father and son be x and y respectively.
$x - y = y \Rightarrow x = 2y$
now, $x = 36$
$\Rightarrow 2y = 36$
$\Rightarrow y = 18$
So, age of son 5 years ago = 18 – 5 = 13 yrs

69. (B) c **c** ac **c**/ aa **b** aa/ **b** bc **b** b/cc

70. (C)

71. (A) The candidate at second place got
= (100 – (55 + 5))
= 40% votes
Difference between winner and second candidate at second place
= (55 – 40) = 15%
ATQ,
15% → 9000

$$100\% \rightarrow \frac{100}{15} \times 9000 = 60{,}000$$

72. (B) Let no. of men be x.
According to the given data, we have

$$\frac{46575}{48 \times 45} \times 2 = \frac{17250}{16 \times x}$$

[As daily wages of man is double of that of woman]

$$\Rightarrow x = \frac{17250 \times 48 \times 45}{46575 \times 2 \times 16} = 25 \text{ men}$$

73. (C) Let total salary = 1300
Expenditure = 800
saving = 500

Expenditure on food = $\frac{20}{100} \times 800 = ₹\,160$

expenditure on clothes = $\frac{40}{100} \times 800 = ₹\,320$

Money deposited in bank = $\frac{60}{100} \times 500 = ₹\,300$

∴ Required percentage

$= \dfrac{\text{Money spent on clothes}}{\text{Amount deposited in bank}} \times 100$

$= \dfrac{320}{300} \times 100 = \dfrac{320}{3} = 106\dfrac{2}{3}\%$

74. (A) The given expression

$$= \frac{\dfrac{1}{3} \times 3 \times \dfrac{1}{3}}{\dfrac{1}{3} \div \left(\dfrac{1}{3} \times \dfrac{1}{3}\right)} - \frac{1}{9}$$

$$= \frac{\dfrac{1}{3}}{\dfrac{1}{3} \div \dfrac{1}{9}} - \frac{1}{9} = \frac{\dfrac{1}{3}}{\dfrac{1}{3} \times 9} - \frac{1}{9}$$

$$= \frac{\dfrac{1}{3}}{3} - \frac{1}{9} = \frac{1}{9} - \frac{1}{9} = 0$$

75. (A) C.P of shopkeeper = ₹ $\dfrac{20}{25}$

S.P of shopkeeper = ₹ $\dfrac{25}{20}$

∴ Profit % = $\dfrac{\left(\dfrac{25}{20} - \dfrac{20}{25}\right)}{\dfrac{20}{25}} \times 100$

$= \dfrac{125 - 80}{100} \times 100 \times \dfrac{25}{20}$

$= \dfrac{45}{100} \times 100 \times \dfrac{25}{20} = 56\dfrac{1}{4}\%$

76. (A) Let the speed of stream be x km/hr
ATQ,

$\dfrac{72}{9+x} + \dfrac{72}{9-x} = 18$

On solving, $x = 3$ km/hr

77. (C) Le the amount invested at the rate of 6% = x
ATQ,

$(10000 - x) \times \dfrac{5}{100} - \dfrac{x \times 6}{100} = 76.50$

$\Rightarrow 500 - \dfrac{5x}{100} - \dfrac{6x}{100} = 76.50$

$\Rightarrow \dfrac{11x}{100} = 423.50$

$x = ₹ 3850$

Hence the amount invested at 6% = ₹ 3850

78. (A) Interest = ₹ (81 – 72) = ₹ 9
Let the time be t years

Then, $9 = \dfrac{72 \times 25 \times t}{4 \times 100}$

$\Rightarrow t = \dfrac{9 \times 400}{72 \times 25} = 2$ years

79. (A) Let the CP of article be x and its marked price be y.
ATQ,
90% of y = 115% of x

$\Rightarrow \dfrac{y \times 90}{100} = \dfrac{x \times 115}{100}$

$\Rightarrow \dfrac{x}{y} = \dfrac{90}{115} = \dfrac{18}{23} = 18 : 23$

80. (A) Remaining sum = 42050

$5\% = \dfrac{1}{20}$

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    A   :    B
   441  :   400 → 840
              ↓ ×50
            42050
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∴ Share of B = 400 × 50 = ₹ 20,000

HARAYANA MOCK TEST – 114 (ANSWER KEY)

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

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