

HARYANA MOCK TEST - 111 (SOLUTION)

61. (B) Horse is ridden by a jockey, similarly car is driven by a **chauffeur**.
62. (A) Second is the 2-D figure of the first.
63. (B) $\sqrt{784} = 28$ and $784 + 28 = 812$ similarly, $\sqrt{1024} = 32$ and $1024 + 32 = 1056$.
64. (C) All except **Brother** are relations based on extended family.
65. (C) Using the correct symbols, we have: Given expression = $(3 \times 15 + 19) \div 8 - 6$
 $= (45 + 19) \div 8 - 6 = 64 \div 8 - 6 = 8 - 6 = 2$
66. (D) The final arrangement is as follows.

	Weight ↑	Height ↑
1.	C	E
2.	D	A
3.	E	C
4.	A	B
5.	B	D

So, D is the second heaviest person.

67. (B) As,
 C A T
 $3 \ 1 \ 20 = 3 + 1 + 20 = 24$
 $\Rightarrow 243 \rightarrow$ No. of letters in CAT.
 G O
 $7 \ 15 = 7 + 15 = 22$
 $\Rightarrow 222 \rightarrow$ No. of letters in GO.
 Similarly,
 C L O U D
 $3 \ 12 \ 15 \ 21 \ 4 = 3 + 12 + 15 + 21 + 4 = 55$
 $\Rightarrow 555 \rightarrow$ No. of letters in CLOUD.
68. (D) The number in the second column is three times the difference between the numbers in the third and first columns.
 So, missing number = $3 \times (16 - 7)$
 $= 3 \times 9 = 27$.
69. (C)
70. (B)
71. (A) Let the larger number be x and smaller be y
 $\therefore x - \frac{y}{2} = \left(y - \frac{y}{2}\right) \times 5$
 $\frac{2x - y}{2} = \frac{y}{2} \times 5$
 $2x - y = 5y$
 $2x = 6y \Rightarrow \frac{x}{y} = \frac{6}{2}$
 $x : y = 3 : 1$

72. (C) Candidates
- ```

 graph TD
 C[Candidates] --- B[B]
 C --- C[C]
 C --- A[A]
 B --- B48[48%]
 A --- A10[10%]

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- $\therefore$  C got = 42%  
 Diff. between B and C's votes = 6%  
 $\therefore$  Total no. of votes =  $\frac{1200}{6} \times 100 = 20,000$

73. (A)
- ```

    graph TD
      A[15%] --- J(( ))
      B((25%)) --- J
      J --- K((20%))
      K --- L((5%))
      K --- M[5%]
  
```

So,

	CP	SP
A	100	115
B	100	125

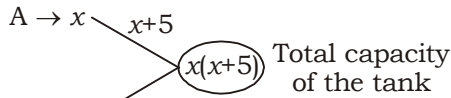
10 units = 4800
 100 units = 48000

CP of each cycle = ₹ 48,000

74. (A) Total quantity of petrol consumed in 3 years
 $= \left(\frac{4000}{7.50} + \frac{4000}{8} + \frac{4000}{8.50}\right)$ litres
 $= 4000 \left(\frac{2}{15} + \frac{1}{8} + \frac{2}{17}\right)$ litres
 $= \left(\frac{76700}{51}\right)$ litres
 Total amount spent = ₹ $(3 \times 4000) = ₹ 12000$.
 \therefore Average cost = ₹ $\left(\frac{12000 \times 51}{76700}\right)$
 $= ₹ \frac{6120}{767} = ₹ 7.98$
75. (A) Let the salary of C be ₹ 100 then, we have salary of B = ₹ 25 salary of A = ₹ 10
 \therefore Required % = $\frac{100 - 10}{10} \times 100\% = 900\%$

76. (B) Let the no. be 30 and 28 respectively.
then, the sum of no. = $30 + 28 = 58$
Now, divide the no. by 17, then we have
7 as the remainder.

77. (B) Let the time taken by the faster pipe (A)
= x hours



Then time taken by the slower pipe (B)
= $(x + 5)$ hours
ATQ,

$$\frac{x(x+5)}{x+(x+5)} = 6$$

$$\Rightarrow x^2 + 5x = 12x + 30$$

$$\Rightarrow x^2 - 7x - 30 = 0$$

$$\Rightarrow x^2 - 10x + 3x - 30 = 0$$

$$\Rightarrow x(x-10) + 3(x-10) = 0$$

$$\Rightarrow (x-10)(x+3) = 0$$

$$x = 10 \text{ hours}$$

78. (A) S.I for 1 year = 10%
C.I for 1 year half yearly = 10.25%
 $\therefore 25\% = 180$
100% = ₹ 72,000

79. (C) old salary 200 : 300 : 500
 ↓15% ↓10% ↓20%
new salary 230 : 330 : 600
 23 : 33 : 60

80. (B) Let the age of father and son 10 years
ago be $3x$ and x years respectively.
Then, $(3x + 10) + 10 = 2[(x + 10) + 10]$
 $\Rightarrow 3x + 20 = 2x + 40$
 $\Rightarrow x = 20$
 \therefore Required ratio = $(3x + 10) : (x + 10)$
= $70 : 30 = 7 : 3$

हरियाणा पुलिस
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(पुरुष / महिला)
भर्ती परीक्षा - 2018
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HARAYANA MOCK TEST - 111 (ANSWER KEY)

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