Test 15 questions

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| **1.In** a certain school, 20% of students are below 8 years of age. The number of students above 8 years of age is 2/3 of the number of students of 8 years of age which is 48. What is the total number of students in the school? | | | | | | | | | | | | | | | | |
| A. 100 | B. 102 | | | | | | | | | | | | | | | |
| C. 110 | D. 90 | | | | | | | | | | | | | | | |
| 2.In a chess competition involving some men and women, every player needs to play exactly one game with every other player. It was found that in 45 games, both the players were women and in 190 games, both players were men. What is the number of games in which one person was a man and other person was a woman? | | | | | | | | | | | | | | | | |
| A. 40 | | B. 200 | | | | | | | | | | | | | | |
| C. 180 | | D. 120 | | | | | | | | | | | | | | |
| 3.A train can travel 50% faster than a car. Both start from point A at the same time and reach point B, 75 kms away from A, at the same time. On the way, however, the train lost about 12.5minutes while stopping at the stations. What is the speed of the car? | | | | | | | | | | | | | | | | |
| A. 80kmph | | | B. 102 kmph | | | | | | | | | | | | | |
| C. 120kmph | | | D. 140 kmph | | | | | | | | | | | | | |
| 4.John invested money in two schemes A and B offering compound interest @ 5 p.c.p.a. and 10 p.c.p.a. respectively. If the total amount of interest accrued through two schemes together in two years was Rs. 2075 and the total amount invested was Rs. 15,000, find out the amount invested in Scheme A? | | | | | | | | | | | | | | | | |
| A. Rs. 10000 | | | | B. Rs. 8000 | | | | | | | | | | | | |
| C. Rs. 12000 | | | | D. Rs. 14000 | | | | | | | | | | | | |
| 5. Machine P can print one lakh books in 8 hours. Machine Q can print the same number of books in 10 hours while machine R can print the same in 12 hours. All the machines started printing at 9 A.M. Machine P is stopped at 11 A.M. and the remaining two machines complete work. Approximately at what time will the printing of one lakh books be completed? | | | | | | | | | | | | | | | | |
| A. 3 pm | | | | | B. 2 pm | | | | | | | | | | | |
| C. 1:00 pm | | | | | D. 11 am | | | | | | | | | | | |
| 6.My brother is 33 years elder to me. My father was 28 years of age when my sister was born while my mother was 26years of age when I was born. If my sister was 44 years of age when my brother was born, then what was the age of my father when my brother was born? | | | | | | | | | | | | | | | | |
| A. 35 years | | | | | | B. 34 years | | | | | | | | | | |
| C. 33 years | | | | | | D. 32 years | | | | | | | | | | |
| 7.The length of a rectangle is twice its breadth. If its length is decreased by 55 cm and breadth is increased by 55 cm, the area of the rectangle is increased by 75 sq.cm. What is the length of the rectangle? | | | | | | | | | | | | | | | | |
| A. 18 cm | | | | | | | B. 16 cm | | | | | | | | | |
| C. 40 cm | | | | | | | D. 20cm | | | | | | | | | |
| 8.The captain of a cricket team of 11 members is 26 years old and the wicket keeper is 3 years older. If the ages of these two are excluded, the average age of the remaining players is one year less than the average age of the whole team. Find out the average age of the team. | | | | | | | | | | | | | | | | |
| A. 23 years | | | | | | | | B. 20 years | | | | | | | | |
| C. 24 years | | | | | | | | D. 21 year | | | | | | | | |
| 9.A man rows to a place 48 km distant and come back in 14 hours. He finds that he can row 4 km with the stream in the same time as 3 km against the stream. The rate of the stream is: | | | | | | | | | | | | | | | | |
| A. 1 km/hr. | | | | | | | | | B. 2 km/hr. | | | | | | | |
| C. 1.5 km/hr. | | | | | | | | | D. 2.5 km/hr. | | | | | | | |
| 10.A letter is chosen at random from the word 'ASSASSINATION'. What is the probability that it is a vowel? | | | | | | | | | | | | | | | | |
| A. 413 | | | | | | | | | | | B. 813 | | | | | |
| C. 713 | | | | | | | | | | | D. 613 | | | | | |
| 11.Find the missing term 8, 12, 18, 27, 40.5, (...) | | | | | | | | | | | |
| A. 60.75 | | | | | | | | | | B. 62 | |
| C. 58 | | | | | | | | | | D.  60.5 | |
| 12. A watch which gains uniformly is 2 minutes low at noon on Monday and is 4 min 48 sec fast at 2 pm on the following Monday. When was it correct? | | | | | | | | | | | | | | | | |
| A. 2 pm on Tuesday | | | | | | | | | | | | | B. 3 pm on Wednesday | | | |
| C. 2 pm on Wednesday | | | | | | | | | | | | | D. 3 pm on Tuesday | | | |
| 13. On what dates of April, 2001 did Wednesday fall? | | | | | | | | | | | | | | | |
| A. 2nd, 9th, 16th, 23rd | | | | | | | | | | | | | | B. 4th, 11th, 18th, 25th | |
| C. 3rd, 10th, 17th, 24th | | | | | | | | | | | | | | D. 1st, 8th, 15th, 22nd, 29th | |
| 14. A tap can fill a tank in 4 hours. After half the tank is filled, three more similar taps are opened. What is the total time taken to fill the tank completely? | | | | | | | | | | | | | | | | |
| A. 3 hr | | | | | | | | | | | | | | | B. 1 hr 30 min | |
| C. 2 hr 30 min | | | | | | | | | | | | | | | D. 2 hr | |

15. After selling an article forrupees 144 the numerical value of a profit percent is equal to the cost price then find the cost price then fin the cost price of Article?

A.80 B.60 C. 100 D. 120

1)a

2)b

3)c

4)a

5)c

6)d

7)c

8)a

9)a

10)d

11)a

12)c

13)c

14)c

15)a