

Quantitative Ability/ Aptitude Placement Papers:

1. Complete the following series. 0, 7, 26, 63, 124,

- (A) 224**
- (B) 115**
- (C) 215**
- (D) 214**

2. Raghav travels 20 km to the north, turns left and travels 8 km, and then again turns right, covers another 10 km and then turns right and travels another 8 km. How far is he from the starting point?

- (A) 8 km**
- (B) 40 km**
- (C) 30 km**
- (D) 20 km**

3. In a two digit number, its digits are reversed and this new number is then added to the original number. The addition is always divisible by which of the following?

- (A) 3**
- (B) 7**
- (C) 9**
- (D) 11**

4. Which of the following is a perfect square?

- (A) 19210
- (B) 23435
- (C) 28561
- (D) 17466

5. If 5 men working 7 hours a day earn Rs. 854 per week then 15 men working 2 hours a day will earn how much per week?

- (A) Rs. 634
- (B) Rs. 567
- (C) Rs. 989
- (D) Rs. 732

6. The speed of a boat in still water is 45 km/hr and the rate of current is 9 km/hr. The distance travelled downstream in 18 minutes will be

- (A) 5.4 kms
- (B) 16.2 kms
- (C) 14.2 kms
- (D) 10 kms

7. A train travelling at rate of 180 kmph crosses a pole in 50 sec. Its length is

- (A) 1250 m
- (B) 2500 m
- (C) 2700 m
- (D) 2250 m

8. It is dark in my bedroom and I want to get two socks of the same color from my drawer, which contains 24 red and 24 blue socks. How many socks do I have to take from the drawer to get at least two socks of the same color?

- (A) 2**
- (B) 3**
- (C) 48**
- (D) 25**

9. What would be the original cost of the book if the retail price of the English course book was reduced by Rs. 5, then Reema could buy 5 more books which would cost her Rs. 300?

- (A) Rs. 20**
- (B) Rs. 25**
- (C) Rs. 24**
- (D) Rs. 23**

10. Soham has a total of 11.25 rupees. He has 20-paise and 25-paise coins in a bag. He has total 50 coins in his bag. Find the number of 20-paise coins he has.

- (A) 23**
- (B) 24**
- (C) 25**
- (D) 26**

11. In the exam Ram tries 30 questions and gets 40 marks. What will be the number of questions solved correctly if Ram loses 2 marks for each wrong answer and gets 3 marks for each right answer?

- (A) 20
- (B) 21
- (C) 22
- (D) 24

12. A local train overtakes Ram and Soham walking at a speed of 3 km/hr and 5 km/hr respectively in the same direction as that of the train and the train completely passes them in 8 seconds and 10 seconds respectively. What would be the speed of the local train?

- (A) 15 km/hr
- (B) 13 km/hr
- (C) 12 km/hr
- (D) 10 km/hr

13. What would be the curved surface area of a cone if the ratio between the radius and height of a cone is 3:4.

- (A) 17 p sq. m
- (B) 12 p sq. m
- (C) 9 p sq. m
- (D) 15 p sq. m

14. The church outside our village had 3 gongs. The church gong would ring at the intervals of 36 seconds, 40 seconds and 48 seconds respectively. In the morning it starts ringing together at a particular time. Can you tell again when they will start ringing together?

- (A) After 12 minutes

- (B) After 15 minutes
- (C) After 16 minutes
- (D) After 10 minutes

15. What would be the number if Roshan adds half, one-third and one-fourth of a number which exceeds the number by 12?

- (A) 121
- (B) 172
- (C) 145
- (D) 144

16. Ramesh, the owner of a farm divides his flock of sheep among his 4 sons so that one son gets half of the flock, the second gets quarter, the third gets one-fifth and the fourth gets 7 sheep. What is the total number of sheep Ramesh having?

- (A) 80
- (B) 70
- (C) 100
- (D) 140

17. The rate per kg of rice has raised up by 20 percent, by what percent should Juhi reduce the consumption of rice so that her monthly expense she faces on rice can be same as before?

- (A) 9%
- (B) 12%
- (C) 16.66%

(D) 15%

18. Find the monthly salary of Kyle if he spends half of his salary on grocery, $\frac{1}{4}$ th for electricity and internet refill, $\frac{1}{5}$ th for house maintenance. He also deposits the rest of the saving in his bank. His monthly deposit in the bank is Rs 50.

(A) Rs. 1500

(B) Rs. 500

(C) Rs. 900

(D) Rs. 1000