

APTITUDE QUIZ

Q.1. A train moves past a telegraph post and a bridge 264 m long in 8 seconds and 20 seconds respectively. What is the speed of the train?

- (A) 69.5 km/hr
- (B) 70 km/hr
- (C) 79 km/hr
- (D) 79.2 km/hr

Q.2. A train takes 18 seconds to pass completely through a station 162m long and 15 second through another station 120 m long. The length of the train is :

- (A) 70 m
- (B) 80 m
- (C) 90 m
- (D) 100 m

Q.3. How many seconds will a 500 metre long train take to cross a man walking with a speed of 3 km/hr in the direction of the moving train if the speed of the train is 63 km/hr?

- (A) 25
- (B) 30
- (C) 40
- (D) 45

Q.4. A jogger running at 9 kmph alongside a railway track is 240 metres ahead of the engine of a 120 metre long train running at 45

kmph in the same direction. In how much time will the train pass the jogger ?

- (A) 3.6 sec
- (B) 18 sec
- (C) 36 sec
- (D) 72 sec

Q.5. A train 110 metres long is running with a speed of 60 kmph. In what time will it pass a man who is running at 6 kmph in the direction opposite to that in which the train is going ?

- (A) 5 sec
- (B) 6 sec
- (C) 7 sec
- (D) 10 sec

Q.6. Two trains 200 m and 150 m long are running on parallel rails at the rate of 40 kmph and 45 kmph respectively. In how much time will they cross each other, if they are running in the same direction?

- (A) 72 sec
- (B) 132 sec
- (C) 192 sec
- (D) 252 sec

Q.7. Two trains 140 m and 160 m long run at the speed of 60 km/hr and 40 km/hr respectively in opposite direction on parallel tracks. The time (in seconds) which they take to cross each other is :

- (A) 9
- (B) 9.6

(C) 10

(D) 10.8

Q.8. Two trains are moving in opposite directions @ 60 km/hr and 90 km/hr. Their lengths are 1.10 km and 0.9 km respectively. The time taken by the slower train to cross the faster train in second is :

(A) 36

(B) 45

(C) 48

(D) 49

Q.9. A train 125m long passes a man, running at 5 kmph in the same direction in which the train is going, in 10 seconds. The speed of the train is :

(A) 45 km/hr

(B) 50 km/hr

(C) 54 km/hr

(D) 55 km/hr

Q.10. A train 110 m long passes a man, running at 6 kmph in the direction opposite to that of the train, in 6 second. The speed of the train is :

(A) 54 km/hr

(B) 60 km/hr

(C) 66 km/hr

(D) 72 km/hr

Q.11. A sum of Rs. 312 was divided among 100 boys and girls in such a way that each boy gets Rs. 3.60 and each girl Rs. 2.40. The number of girls is:

- (A) 35
- (B) 40
- (C) 60
- (D) 65

Q.12. Each boy contributed rupees equal to the number of girls and each girl contributed rupees equal to the number of boys in a class of 60 students. If the total contribution thus collected is Rs. 1600, how many boys are there in the class?

- (A) 25
- (B) 30
- (C) 50
- (D) Data inadequate

Q.13. In an examination, a student scores 4 marks for every correct answer and loses 1 marks for every wrong answer. If he attempts all 60 question and secure 130 marks, the number of question he attempts correctly is:

- (A) 35
- (B) 38
- (C) 40
- (D) 42

Q.14. A cricket team won 3 matches more than they lost. If a win gives them 2 points and loss (-1) point, how many matches, in all, have they played if their score is 23?

- (A) 17
- (B) 20
- (C) 37
- (D) 40

Q.15. On children's Day, sweets were to be equally distributed among 175 children in a school. Actually, on the children's Day, 35 children were absent and therefore each child got 4 sweets extra. Total how many sweets were available for distribution?

- (A) 2400
- (B) 2480
- (C) 2680
- (D) 2750
- (E) None of these

Q.16. A certain number of tennis balls were purchased for Rs. 450. Five more balls could have been purchased in the same amount if each ball was cheaper by Rs. 15. The number of balls purchased was:

- (A) 10
- (B) 15
- (C) 20
- (D) 25

Q.17. The price of 10 chairs is equal to that of 4 tables. The price of 15 chairs and 2 tables together is Rs. 4000. The total price of 12 chairs and 3 tables is:

- (A) Rs. 3500

(B) Rs. 3750

(C) Rs. 3840

(D) Rs. 3900

Q.18. The price of 2 sarees and 4 shirts is Rs. 1600. With the same money one can buy 1 saree and 6 shirts. If one wants to buy 12 shirts, how much shall he have to pay?

(A) Rs. 1200

(B) Rs. 2400

(C) Rs. 4800

(D) cannot be determined

(E) None of these

Q.19. In a classroom, if 6 students per bench are assigned to accommodate all student, one more bench will be required. However, if 7 students are accommodated per bench, there would be space left for 5 students. What is the number of students in the class?

(A) 30

(B) 42

(C) 72

(D) None of these

Q.20. In a group of buffaloes and ducks, the number of legs are 24 more than twice the number of heads. What is the number of buffaloes in the group?

(A) 6

(B) 8

(C) 10

(D) 12

ANSWER

1.D

2.C

3.B

4.C

5.B

6.D

7.D

8.C

9.B

10.B

11.B

12.D

13.B

14.C

15.E

16.A

17.D

18.B

19.C

20.D