Aptitude Test

MM: 20 Marks

Question 1: A train running at the speed of 60 km/hr crosses a pole in 9 seconds. What is the length of the train?

A.   120 metres

B.   180 metres

C.   324 metres

D.   150 metres

Answer: Option D

Question 2: A train 125 m long passes a man, running at 5 km/hr 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

Answer: Option B

Question 3: The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:

A.   200 m

B.   225 m

C.   245 m

D.   250 m

Answer: Option C

Question 4: A person crosses a 600 m long street in 5 minutes. What is his speed in km per hour?

A.   3.6

B.   7.2

C.   8.4

D.   10

Answer: Option B

Question 5: The angle of elevation of a ladder leaning against a wall is 60° and the foot of the ladder is 4.6 m away from the wall. The length of the ladder is:

A.   2.3 m

B.   4.6 m

C.   7.8 m

D.   9.2 m

Answer: Option D

Question 6: If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is:

A.   50 km

B.   56 km

C.   70 km

D.   80 km

Answer: Option A

Question 7: From a point P on a level ground, the angle of elevation of the top tower is 30°. If the tower is 100 m high, the distance of point P from the foot of the tower is:

A.   149 m

B.   156 m

C.   173 m

D.   200 m

Answer: Option C

Question 8: A, B and C can do a piece of work in 20, 30 and 60 days respectively. In how many days can A do the work if he is assisted by B and C on every third day?

A.   12 days

B.   15 days

C.   16 days

D.   18 days

Answer: Option B

Question 9: A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is:

A.   Rs. 650

B.   Rs. 690

C.   Rs. 698

D.   Rs. 700

Answer: Option C

Question 10: How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest?

A.   3.5 years

B.   4 years

C.   4.5 years

D.   5 years

Answer: Option B

Question 11: The cost price of 20 articles is the same as the selling price of x articles. If the profit is 25%, then the value of x is:

A.   15

B.   16

C.   18

D.   25

Answer: Option B

Question 12: In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?

A.   30%

B.   70%

C.   100%

D.   250%

Answer: Option B

Question 13: Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:

A.   39, 30

B.   41, 32

C.   42, 33

D.   43, 34

Answer: Option C

Question 14: A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had:

A.   588 apples

B.   600 apples

C.   672 apples

D.   700 apples

Answer: Option D

Question 15: What was the day of the week on 28th May, 2006?

A.   Thursday

B.   Friday

C.   Saturday

D.   Sunday

Answer: Option D

Question 16: What was the day of the week on 17th June, 1998?

A.   Monday

B.   Tuesday

C.   Wednesday

D.   Thursday

Answer: Option C

Question 17: In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?

A.   6.25

B.   6.5

C.   6.75

D.   7

Answer: Option A

Question 18: The average of 20 numbers is zero. Of them, at the most, how many may be greater than zero?

A.   0

B.   1

C.   10

D.   19

Answer: Option D

Question 19: The average weight of 8 person's increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person?

A.   76 kg

B.   76.5 kg

C.   85 kg

D.   Data inadequate

E.   None of these

Answer: Option C

Question 20: The ratio between the perimeter and the breadth of a rectangle is 5 : 1. If the area of the rectangle is 216 sq. cm, what is the length of the rectangle?

A.   16 cm

B.   18 cm

C.   24 cm

D.   Data inadequate

Answer: Option B