APGCL Sahayak General Aptitude Questions and Answers

1. 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

2. An aeroplane covers a certain distance at a speed of 240 kmph in 5 hours. To cover the same distance in 1 hours, it must travel at a speed of:

A.300 kmph
B.360 kmph
C.600 kmph
D.720 kmph

Answer: Option D

3. 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

4. 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 12.5 minutes while stopping at the stations. The speed of the car is:

A.100 kmph
B.110 kmph
C.120 kmph
D.130 kmph

Answer: Option C

5. Excluding stoppages, the speed of a bus is 54 kmph and including stoppages, it is 45 kmph. For how many minutes does the bus stop per hour?

A.9
B.10
C.12
D.20

Answer: Option B

6. 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

7. A grocer has a sale of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs. 6500?

A.Rs. 4991
B.Rs. 5991
C.Rs. 6001
D.Rs. 6991

Answer: Option A

8. 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

9. 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

10. The average weight of A, B and C is 45 kg. If the average weight of A and B be 40 kg and that of B and C be 43 kg, then the weight of B is:

A.17 kg
B.20 kg
C.26 kg
D.31 kg

Answer: Option D

11. The average weight of 16 boys in a class is 50.25 kg and that of the remaining 8 boys is 45.15 kg. Find the average weights of all the boys in the class.

A.47.55 kg
B.48 kg
C.48.55 kg
D.49.25 kg

Answer: Option C

12. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is:

A.250
B.276
C.280
D.285

Answer: Option D

13. If the average marks of three batches of 55, 60 and 45 students respectively is 50, 55, 60, then the average marks of all the students is:

A.53.33
B.54.68
C.55
D.None of these

Answer: Option B

14. A pupil's marks were wrongly entered as 83 instead of 63. Due to that the average marks for the class got increased by half (1/2). The number of pupils in the class is:

A.10
B.20
C.40
D.73

Answer: Option C

15. It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?

A.Sunday
B.Saturday
C.Friday
D.Wednesday

Answer: Option C

16. What was the day of the week on 28th May, 2006?

A.Thursday
B.Friday
C.Saturday
D.Sunday

Answer: Option D

17. What was the day of the week on 17th June, 1998?

A.Monday
B.Tuesday
C.Wednesday
D.Thursday

Answer: Option C

18. What will be the day of the week 15th August, 2010?

A.Sunday
B.Monday
C.Tuesday
D.Friday

Answer: Option A

19. Today is Monday. After 61 days, it will be:

A.Wednesday
B.Saturday
C.Tuesday
D.Thursday

Answer: Option B

20. The calendar for the year 2007 will be the same for the year:

A.2014
B.2016
C.2017
D.2018

Answer: Option D

21. Which of the following is not a leap year?

A.700
B.800
C.1200
D.2000

Answer: Option A

22. On 8th Dec, 2007 Saturday falls. What day of the week was it on 8th Dec, 2006?

A.Sunday
B.Thursday
C.Tuesday
D.Friday

Answer: Option D

23. A vendor bought toffees at 6 for a rupee. How many for a rupee must he sell to gain 20%?

A.3
B.4
C.5
D.6

Answer: Option C

24. 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

25. The percentage profit earned by selling an article for Rs. 1920 is equal to the percentage loss incurred by selling the same article for Rs. 1280. At what price should the article be sold to make 25% profit?

A.Rs. 2000
B.Rs. 2200
C.Rs. 2400
D.Data inadequate

Answer: Option A

26. A shopkeeper expects a gain of 22.5% on his cost price. If in a week, his sale was of Rs. 392, what was his profit?

A.Rs. 18.20
B.Rs. 70
C.Rs. 72
D.Rs. 88.25

Answer: Option C

27. A man buys a cycle for Rs. 1400 and sells it at a loss of 15%. What is the selling price of the cycle?

A.Rs. 1090
B.Rs. 1160
C.Rs. 1190
D.Rs. 1202

Answer: Option C

28. Sam purchased 20 dozens of toys at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his percentage profit?

A.3.5
B.4.5
C.5.6
D.6.5

Answer: Option C

29.On selling 17 balls at Rs. 720, there is a loss equal to the cost price of 5 balls. The cost price of a ball is:

A.Rs. 45
B.Rs. 50
C.Rs. 55
D.Rs. 60

Answer: Option D

30. When a plot is sold for Rs. 18,700, the owner loses 15%. At what price must that plot be sold in order to gain 15%?

A.Rs. 21,000
B.Rs. 22,500
C.Rs. 25,300
D.Rs. 25,800

Answer: Option C