

## Aptitude Question & Answers

1. X divided by 899 gives a remainder 63. What remainder will be obtained by dividing X by 29?

10056

10001

10056

10057

ANSWER: 10057

2. A 3-digit number xyz is squared, which of the following could be the last digit of the square?

1

2

3

8

ANSWER: 1

3. What will be the number of zeroes at the end of the product of 1, 3, 5, 7 ..... 99?

10

11

1

Nil

ANSWER: Nil

4. In  $x/y$ , the remainder is 17. In  $2x/y$ , the remainder is 5. What is  $y$ ?

12

27

29

39

ANSWER: 29

5. Which is the least number, which, when divided by 12 and 16, leave the same remainder, but is exactly divisible by 11?

99

55

132

176

ANSWER: 55

6. When 8% of a number is added to the number itself the result is 810.

What is the number?

700

750

722

745.2

ANSWER: 750

7. What is the LCM of 24, 48 and 72?

144

154

156

157

ANSWER: 144

8. What is the HCF of 143 and 208?

11

12

13

14

ANSWER: 13

9. D's income is Rs. 960. She saves Rs. 192. What % does she save?

25%

12%

20%

None of these

ANSWER: 20%

10. There are 50 students of whom 47 are present. What % is absent?

8%

3%

6%

12%

ANSWER: 6%

11. R earns Rs.15000 a year. He spends 18% on rent. How much rent does he pay in a month?

2700

275

225

325

ANSWER: 225

12. R got 35% hike in his salary and 20% incentive on sales. If R sold goods worth Rs. 850 last year and the salary was Rs 70, then how much more does he earn this year with sales of Rs.900?

204

304

294

454

ANSWER: 304

13. X shaved 40% of his customers and gave a haircut to 80%. He charged Rs.7 for a shave and Rs.5 for a hair cut. If 20% of customers who opted for a shave also had a haircut, what were the earnings if he had 75 customers?

410

1020

510

None of these

ANSWER: 510

14. A man purchased a carriage and horse in Rs. 1500. By selling the horse at 10% loss and carriage at 20% profit he earned a profit of 8% on the whole transaction. What is the price of carriage (in Rs.)?

600

900

1000

None of these

ANSWER: 900

15. A man sold an article at 10% loss. Had he sold the article for Rs. 10 more, he would have earned a profit of 10%. What is the cost price of article (in Rs.)?

100

80

50

60

ANSWER: 50

16. A businessman sells a lot of shirts at a profit of 12.5% and then invests the proceeds in purchasing a lot of trousers, which he sells at a profit of 20%. If he makes a net profit of Rs. 700, the cost of the shirts was?

2400

2000

2500

1600

ANSWER: 2000

17. The ratio of milk and water in 55 liters of mixture is 7: 4. How much water must be added to make the mixture's ratio 7: 6 (in liters)?

<https://www.freshersnow.com/previous-year-question-papers/>

5

10

15

25

ANSWER: 10

18. A sum of Rs 45 is made up of 100 coins, partly of 50 p and partly 25 p. How many 50 p coins are there?

20

40

75

80

ANSWER: 80

19. A mixture of glycerin and water contains 35% glycerin by weight. 25 grams of water is added to such 100 grams of mixture. What % of glycerin by weight is there in the new mixture?

25

23

29

28

ANSWER: 28

20. A man buys milk at certain rate per liter and after mixing it with water sells it again at the same rate. Find how many ml of water there are in every liter of milk if the man makes a profit of 20%?

20 ml

200 ml

250ml

150 ml

ANSWER: 200 ml

21. Two cyclists do the same journey by travelling at 9 and 10 km/hr respectively. Find the distance traveled when one takes 32 minutes longer than the other.

44 km

48 km

50 km

46 km

ANSWER: 48 km

22. The first third of a 75 km trip took twice as long as the rest of the trip. If the first third took  $h$  hours, then the average speed for the whole trip was

$50/h$  kmph

$75/2h$  kmph

$25/2h$  kmph

$225/2h$  kmph

ANSWER:  $50/h$  kmph

23. X travels distance Y in 5 hours. If the speed increases by 8 kmph, then it would have taken 3 hours. Y is

200 km

120 km

60 km

40 km

ANSWER: 60 km

24. Two quantities are in the ratio 2:3. What is the smaller number if their sum is 70?

42

28

14

21

ANSWER: 28

25. X can walk a certain distance in with a uniform speed in 50 days. How long will it take him to cover twice the distance with half of the normal speed?

50 days

25 days

12 days

200 days

ANSWER: 200 days

26. 20 men, 30 women and 60 children working 6 hours/day build a 200 m long 2 m high and 40 cm wide wall in 20 days. How long a wall 1.5 m high and 60 cm wide will 30 men, 15 women and 30 children build, working 9 hours/day in 15 days?

75 m

150 m

225 m

166.66 m

ANSWER: 75 m

27. 12 men can dig a trench in 36 days working 10 hrs/day. How many hours a day of daily work will be required of 36 men working for 30 days to dig that trench?

5 hrs.

4 hrs.

6 hrs.

None of these

ANSWER: 4 hrs.

28. A can do a piece of work in 40 days. He worked at it for 5 days then B finished it in 21 days. In how many days can A and B together finish the work?

12 days

15 days

18 days

24 days

ANSWER: 15 days

29. A and B can do a piece of work in 6 days and C in 12 days. In how many days will A, B and C do it together?

6 days

5 days

4 days

3 days

ANSWER: 4 days

30. A, B, C and D can do a piece of work in 40 days. If A and B can do it together in 100 days, and C alone in 120 days, find the time in which D alone can do it.

120 days

200 days

150 days

None of these

ANSWER: 150 days