**Aptitude Test**

1. 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

2. 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

3. 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

4. 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

5. 61 57 50 61 43 36 61

A. 29 61 B. 27 20 C. 31 61 D. 29 22

6. The total of the ages of Amar, Akbar and Anthony is 80 years. What was the total of their ages three years ago ?

A. 71 years B. 72 years C. 74 years D. 77 years

7. There are deer and peacocks in a zoo. By counting heads they are 80. The number of their legs is 200. How many peacocks are there ?

A. 20 B. 30 C. 50 D. 60

8. 589654237, 89654237, 8965423, 965423, ?

A. 58965 B. 65423 C. 89654 D. 96542

9. The greatest number of four digits which is divisible by 15, 25, 40 and 75 is:

A. 9000 B. 9400 C. 9600 D. 9800

10. If one-third of one-fourth of a number is 15, then three-tenth of that number is:

A. 35 B. 36 C. 45 D. 54

11.The value of (0.1 x 0.1 x 0.1 + 0.02 x 0.02 x 0.02)/(0.2 x 0.2 x 0.2 + 0.04 x 0.04 x 0.04) is

A. 0.0125 B. 0.125 C. 0.25 D. 0.5

12.Sachin is younger then Ragul by 7 years. If their ages on the Respective ratio 7 : 9 , how old is Sachin?

A. 16 years B. 18 years C. 24.5 years D. none of these

13. The largest 4 digit number exactly divisible by 88 is:

A. 9999 B. 9944 C. 8888 D.8844

14. 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

15. 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. 659 B. 689 C. 698 D. 708

16. 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.1190 C. RS.1290 D. RS.1390

17. 1397 x 1397 = ?

A. 1951609 B. 1981709 C. 1981909 D. 1951709

18. A man has Rs. 480 in the denominations of one-rupee notes, five-rupee notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has ?

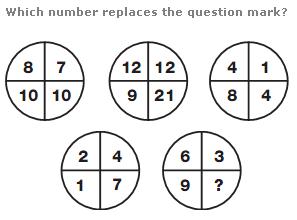
A. 45 B. 60 C. 75 D.90

19. A and B invest in a business in the ratio 3 : 2. If 5% of the total profit goes to charity and A's share is Rs. 855, the total profit is:

A. 1245 B. 1500 C. 1600 D.1576

20. The sum of three numbers is 98. If the ratio of the first to second is 2 :3 and that of the second to the third is 5 : 8, then the second number is:

A. 20 B. 30 C. 38 D. 48

21.

1. 3 B. 4 C. 9 D. 10

22. SCD, TEF, UGH, \_\_\_\_, WKL

1. CMN B. VIJ C. JIV D. MNC

23. B2CD, \_\_\_\_\_, BCD4, B5CD, BC6D

A. B2C2D

B. BC3D

C. B2C3D

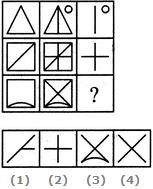
D. BCD7

24.Here are some words translated from an artificial language. *gorblflur* means fan belt

*pixngorbl* means ceiling fan *arthtusl* means tile roof

Which word could mean "ceiling tile"?

A. gorbltusl B. flurgorbl C. arthflur D. pixnarth

25. Select a suitable figure from the four alternatives that would complete the figure matrix.

A.1 B.2 C.3 D.4

26.A crate of eggs contains one rotten egg for every 30 eggs in the crate. If 3 out of every 4 rotten eggs are considered unsalable and there are 12 unsalable eggs in the crate, then how many eggs are there in the crate?

A. 360 B. 529 C. 750 D. 480

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| --- | --- | --- | --- |
| 27. 44, 37, 35, 31, 29, \_\_, 26, 25. | |  |  |
| A. 27 | B. 19 | C. 15 | D. 21 |
| 28. 11, 20, 31, 51, \_\_. |  |  |  |
| A. 35 | B. 53 | C. 82 | D. 34 |

29.Robin has a brother, Anthony. Robin is the son of Sam. Robert is Sam’s father. In terms of relationship, Anthony is Robert’s \_\_\_\_\_\_\_\_\_\_\_\_.

A. son B. grandson C. brother D. grandfather

30.When the numerator of a fraction is increased by 4, the fraction is increased by 2/3. What is the denominator of the fraction?

A.2 B.3 C.4 D.6