**APTITUDE TEST-II**

1. The H.C.F. of two numbers is 23 and the other two factors of their L.C.M. are 13 and 14. The larger of the two numbers is:

A. 276 B. 299 C. 322 D. 345

2) The difference between simple interest and compound on Rs. 1200 for one year at 10% per annum reckoned half-yearly is:

A.Rs. 2.50 B.Rs. 3 C.Rs. 3.75 D.Rs. 4 E.None of these

3. Find the lowest common multiple of 24, 36 and 40.

A. 120 B. 240 C. 360 D. 480

4 . A family has two children. find the probability that both the children are girls given that at least one of them is a girl?

A. 1/4 B. 2/3 C. 1/3 D. ¼

5. A 400m long train is running at 72 Kmph. how much time will it take to cross an electric pole?

A. 15sec B. 20sec C. 19sec D. 21sec

6. A train travelling at 60 kmph crosses a man in 6 seconds. What is the length of the train?

A. 100 meters B. 150 meters C. 200 meters D. 250 meters

7. Raju age after 15 years will be 5 times his age 5 years back, What is the present age of Raju

A. 15 B. 14 C. 10 D. 8

8. The present ages of three persons in proportions 4 : 7 : 9. Eight years ago, the sum of their ages was 56. Find their present ages (in years).

A. 8, 20, 28 B. 16, 28, 36 C. 20, 35, 45 D. None of these

9)Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?

A.57% B.60% C.65% D.90%

10) What will be the least number which when doubled will be exactly divisible by 12, 18, 21 and 30 ?

A.196 B.630 C.1260 D.2520

11) Q is as much younger than R as he is older than T. If the sum of the ages of R and T is 50 years, what is definitely the difference between R and Q's age?

A.1 year B.2 years C.25 years D.Data inadequate E.None of these

12) The angle between the minute hand and the hour hand of a clock when the time is 8.30, is:

A.80° B.75° C.60° D.105°

13) Choose the correct word from given four alternatives that fits well in the blank and shows the same relationship as shown by the first two words:

Q) Candid is to indirect as honest is to \_\_\_\_\_\_\_\_\_

a) Frank b) wicked c) truthful d) untruthful

15) Find a two-digit number whose product of the digits is 8 and when 18 is added to this number, the digits are reversed.

a) 81 b) 42 c) 24 d) 18

16) A running man crosses a bridge of length 500 meters in 4 minutes. At what speed he is running?

A) 8.5 km/s B) 7.5 km/s C) 9.5 km/s D) 6.5 km/s

17)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

18)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

19)Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?

A.7 B.10 C.12 D.13

20)Find the odd one out. 3, 5, 11, 14, 17, 21.

A.21 B.17 C.14 D.3

21)Find the odd one out. 8, 27, 64, 100, 125, 216, 343

A.27 B.100 C.125 D.343

22)Find the odd one out. 6, 9, 15, 21, 24, 28, 30

A.28 B.21 C.24 D.30

23)Three maths classes: X, Y and Z take an algebra test. The average score of class X is 83. The average score of class Y is 76. The average score of class Z is 85. The average score of class X and Y is 79 and average score of class Y and Z is 81. What is the average score of classes X, Y, Z ?

A.81.5 B.80 C.83.5 D.79.5

24)A batsman in his 17th innings makes a score of 85, and thereby increases his average by 3. What is his average after the 17th innings? He had never been ’not out’.

A.36 B.37 C.38 D.39

25)If 12% of x is equal to 6% of y, then 18% of x will be equal to how much % of y ?

A. 9% B.8% C.6% D.11%

26). The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of

the youngest child?

A. 4 years B. 8 years C. 10 years D. None of these

27. 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

28. At what rate percent per annum will a sum of money double in 8 years.

A. 12.5% B. 13.5% C. 11.5% D. 14.5%

29) Two cards are drawn together from a pack of 52 cards. The probability that one is a spade and one is a heart, is:

A.3/20 B.29/34 C.47/100 D.13/102

30). 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