Vedanta Resources Quantitative And Reasoning Questions

1.10 yrs ago mother age was 4 times as her daughter, 10 yrs hence mother age will be twice as her daughter what is the present age of daughter?

Ans-20 yrs

2.If 3men can do a piece of work in 6 days, if after 2 days 3 more mens will be added then after how many days the remaining work will be done?

Ans. 2 days

3.if 12 men shakes hand from each other then what will be the total no. of hand shakes?

Ans 66

4. If the list Price of a product is Rs 275 and the shopkeeper allows 5% discount on the product and still getting 4.5% profit, what will be the cost price if the produce for the shopkeeper

5. From a group of 11 players a team of 5 and a captain is to be selected , in how many ways it can be done?

6.If product of 2 number.s is 120 and sum of their squares is 289 .then the sum of the no is ??

Ans 23

7.The ratio of the father's age to his son's age is 7:3. The product of their ages is 756.The ratio of their ages after 6 yrs. Will be?   Ans-2:1

8. Find the wrong no. In the series: 19, 26,33,46,59,74,91.

9.A person 1st walks 85meter towards North, then turn left and walks 25m, again turn left and walks 90m. Then he turns 120 degree right. What is his final direction.? a. NE b.NW c. ES d.SW

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10A' invested a capital of 35000 for 8 yrs. 'B' invested 42,000 for 10 yrs. If the total profit is 30,000, find the share of 'A' ?

11The following table shows the number of visitors to a park for the months January to March.

a) Construct a vertical and a horizontal bar chart for the table.

b) What is the percentage of increase of visitors to the park in March compared to January?

c) What percentage of visitors came in February compared with total number of visitors over the three months?

a) If we choose a scale of 1:50 for the frequency then the vertical bar chart and horizontal bar chart will be as shown.

b) Increase in March compared to January is

c) Percentage of visitors in February compared to the total number of visitors is

12 A soft drink company prepares drinks of three different flavours - X, Y and Z. The production of three flavours over a period of six years has been expressed in the bar graph provided below.

The total production of flovour Z in 1997 and 1998 is what percentage of the total production of flavour X in 1995 and 1996?

A. 96.67% B. 102.25% C. 115.57% D. 133.33%

Answer: Option D

13What is the difference between the average production of flavour X in 1995, 1996 and 1997 and the average production of flavour Y in 1998, 1999 and 2000?

A. 50,000 bottles B. 80,000 bottles C. 2,40,000 bottles D. 5,00,000 bottles

Answer: Option D

14A school has four sections A, B, C, D of Class IX students.

Vedanta Resources Quantitative And Reasoning Questions

If the number of students passing an examination be considered a criteria for comparision of difficulty level of two examinations, which of the following statements is true in this context?

A. Half yearly examinations were more difficult.

B. Annual examinations were more difficult.

C. Both the examinations had almost the same difficulty level.

D. The two examinations cannot be compared for difficulty level.

Answer Option -C

15 How many students are there in Class IX in the school?

A. 336 B. 189 C. 335 D. 430

Answer: Option D

16 39 persons can repair a road in 12 days, working 5 hours a day. In how many days will 30 persons, working 6 hours a day, complete the work?

A. 10 B. 13 C. 14 D. 15 Ans-B

17What is the probability of getting a sum 9 from two throws of a dice?

A.1/6 B.1/8 C.1/9 D.1/12 Ans-C

17In the following diagram rectangle represents men, Triangle represents educated, Circle represents urban and square represents government employees

18Which one of the following represents the educated men but not urban ?

A. 9 B. 5 C. 4 D. 11 Answer: Option D

19Which one of the following represents a woman who is urban as well as government employee

A. 7 B. 13 C. 10 D. 6 Answer: Option C

In a code DUPLICATE is written as MRVFJFVBE,how will CARTOUCHE be written in the same way ?

a)UTBEPWDJF

b)UTBFQFJDW

c)UTBEQFJDW

d)UTBEPFJDW