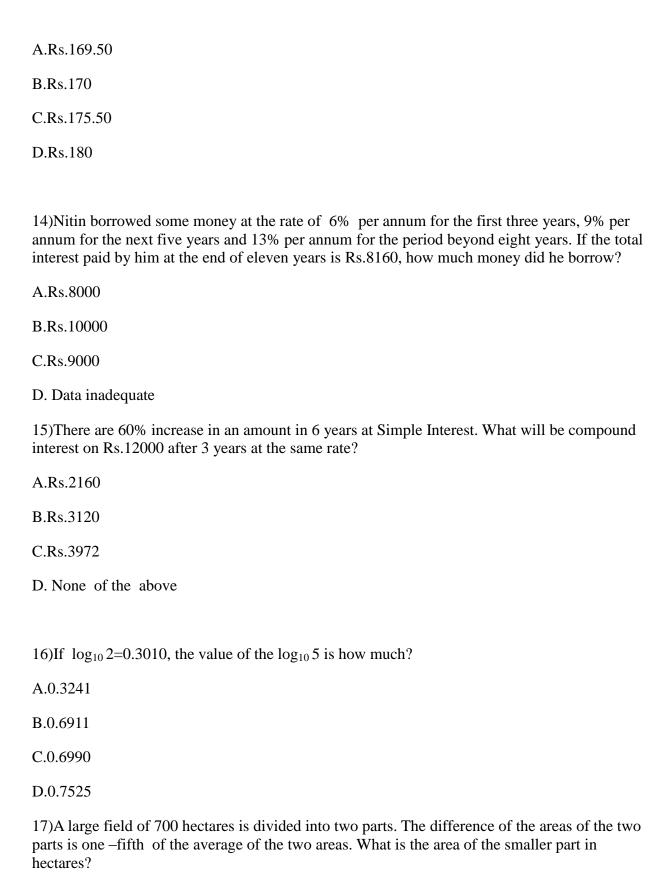1)The average age of 3children in a family is 20% of the average age of the father and the eldest child. The total age of the mother and the youngest child is 39 years .If the father's age is 26 years ,then the age of second child?

A.15 yrs

B.18 yrs

C.20yrs

D. Can't be determined

2)The sum of the numerator and denominator of a fraction is 11.If 1 is added to the numerator and 2 is subtracted from the denominator, it becomes 2/3 then the fraction is?

A.5/6

B.6/5

C.3/8

D.8/3

3)If 75% of a number is added to 75,then the result is the number itself. The number is?

A.50

B.60

C.300

D.400

4)In a certain store, the profit is 320% of the cost. If the cost increase 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%

5)In a college, the ration of the number of boys to girls is 8:5.If there are 160 girls, the total number of students in the college is?

A.100

B.250

C.260

D.416

6)A began business with Rs.85,000. He was joined afterwards by B with Rs.42,500. For how much period does B join, if the profits at the end of the year are divided in the ratio 3:1?--D

A.4 Months

B.5 Months

C.6 Months

D.8 Months

7)A wheel that has 6 cogs is meshed with a larger wheel of 14 cogs. When the smaller wheel has made 21 revolutions, then the number of revolutions made by the larger wheel is ?

A.4

B.9

C.12

D.10

8)Twenty women can do a work in sixteen days. Sixteen men can complete the same work in fifteen days. What is the ratio between the capacity of a man and a women?

A.3:4

B.4:3

C.5:3

D. None of the above

9)12 Buckets of water fill a tank when the capacity of each bucket is 13.5 liters. How many buckets will be needed to fill the same tank ,if the capacity of the each bucket is 9 liters?

A.8

B.15

C.16

D.18

10)In covering a distance of 30 km Abhay takes 2hrs more than sameer. If Abhay double his speed, then he would take 1 hour less than sammer. Abhay speed is?

A.5kmph

B.6kmph

C.6.25kmph

D.7.5 kmph

11)A goods train runs at the speed of 72 kmph and crosses a 250 m long platform in 26 seconds .what is the length of the train?

A.230mtrs

B.240mtrs

C.260mtrs

D.270mtrs

12)In a stream running at 2 kmph ,a motorboat goes 6km upstream and back again to thestarting point 33 minutes. Find the speed of the motor boat in still water?

A.23kmph

B.25kmph

C.22kmph

D. None of the above

13)Tea powder worth Rs.126 per kg and Rs.135 per kg are mixed with a third variety in the ratio 1:1:2.If the mixture worth is Rs.153 per kg ,the price of the third variety per kg will be?

A.Rs.169.50

B.Rs.170

C.Rs.175.50

D.Rs.180

14)Nitin borrowed some money at the rate of 6% per annum for the first three years, 9% per annum for the next five years and 13% per annum for the period beyond eight years. If the total interest paid by him at the end of eleven years is Rs.8160, how much money did he borrow?

A.Rs.8000

B.Rs.10000

C.Rs.9000

D. Data inadequate

15)There are 60% increase in an amount in 6 years at Simple Interest. What will be compound interest on Rs.12000 after 3 years at the same rate?

A.Rs.2160

B.Rs.3120

C.Rs.3972

D. None of the above

16)If $\log_{10} 2 = 0.3010$, the value of the $\log_{10} 5$ is how much?

A.0.3241

B.0.6911

C.0.6990

D.0.7525

17)A large field of 700 hectares is divided into two parts. The difference of the areas of the two parts is one –fifth of the average of the two areas. What is the area of the smaller part in hectares?

A.225

B.280

C.300

D.315

18)The cost of the paint is Rs.36.50 per kg. If 1 kg of the paint covers 16 square feet, how much will it cost to paint outside of a cube having 8 feet each side?

A.Rs.692

B.Rs.768

C.Rs.876

D. None of the above

19)In a 100mts race A beats B by 10mts and C by 13mts. In a race of 180mts, B will beat C by?

A.5.4mts

B.4.5mts

C.5mts

D.6mts

20)The calendar for the year 2007 will be the same fo the year?

A.2014

B.2016

C.2017

D.2018