PERCENTAGE

1)Two students appeared at an examination. One of them secured 9 marks more than the other and his marks was 56% of the sum of their marks. The marks obtained by them are:

A) 39, 30

B) 41, 32

C) 42, 33

D) 43, 34

2) A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had:

A) 588 apples

B) 600 apples

C) 672 apples

D) 700 apples

3) What percentage of numbers from 1 to 70 have 1 or 9 in the unit's digit?

A) 1

B) 14

C) 20

D) 21

4) If A = x% of y and B = y% of x, then which of the following is true?

A) A is smaller than B.

B) A is greater than B

C) Relationship between A and B cannot be determined.

D) If x is smaller than y, then A is greater than B.

E) None of these

5) If 20% of a = b, then b% of 20 is the same as:

A) 4% of a

B) 5% of a

C) 20% of a

D) None of these

6) In a certain school, 20% of students are below 8 years of age. The number of students above 8 years of age is 2/3 of the number of students of 8 years of age which is 48. What is the total number of students in the school?

A) 72

B) 80

C) 120

D) 150

E) 100

7) Two numbers A and B are such that the sum of 5% of A and 4% of B is two-third of the sum of 6% of A and 8% of B. Find the ratio of A : B.

A) 2 : 3

B) 1 : 1

C) 3 : 4

D) 4 : 3

8) A student multiplied a number by3/5 instead of 5/3

What is the percentage error in the calculation?

A) 34%

B) 44%

C) 54%

D) 64%

9) In an election between two candidates, one got 55% of the total valid votes, 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got, was:

A) 2700

B) 2900

C) 3000

D) 3100

10) 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%

11) Two tailors X and Y are paid a total of Rs. 550 per week by their employer. If X is paid 120 percent of the sum paid to Y, how much is Y paid per week?

A) Rs. 200

B) Rs. 250

C) Rs. 300

D) None of these

12)Gauri went to the stationers and bought things worth Rs. 25, out of which 30 paise went on sales tax on taxable purchases. If the tax rate was 6%, then what was the cost of the tax free items?

A) Rs. 15

B) Rs. 15.70

C) Rs. 19.70

D) Rs. 20

13) Rajeev buys good worth Rs. 6650. He gets a rebate of 6% on it. After getting the rebate, he pays sales tax @ 10%. Find the amount he will have to pay for the goods.

A) Rs. 6876.10

B) Rs. 6999.20

C) Rs. 6654

D) Rs. 7000

14) The population of a town increased from 1,75,000 to 2,62,500 in a decade. The average percent increase of population per year is:

A) 4.37%

B) 5%

C) 6%

D) 8.75%