1. The salary of A is 20% lower than B's salary and the salary of C is 56.25% greater than A’s salary. By how much % salary of B is less than the salary of C?

A. 20 B. 40 C. 60 D. None of these

2. 2. Due to fall in manpower, the production in the factory decreases by 60%.By what % should the working hour be increased to restore the original production in the factory?

A. 125 B. 150 C. 160 D. None of these

3. In an examination 70% of the candidates passed in History and 50% in Geography and 20% students failed in both the subjects. If 500 students passed in both the subjects, then how many candidates appeared for the exam?

A. 1000 B.1500 C.2500 D. None of these

4. Each edge of a cube is increased by 20% then the % increase in surface area of the cube is:

A. 144 B. 40 C. 44 D. 72.8

5. Length of the Rectangle is increased by 20% and breadth is increased by 10% then what is % increase in area of rectangle.

A.32 B.30 C.2% D.25%

6.A coconut tree was planted two years ago. It increases at the rate of 20% every year. If at present the height of the tree is 540 cm, what was its height when the tree was planted?

A.324 Cm B.375 cm C.400 cm D.432 cm

7. Kiran saves 10% of his total salary. Next year he increases his expenses by 20% but his savings remain same. What is the percentage increase in salary next year?

A.10% B.16.66% C.18% D.20%

8.The cost of petrol increases by 33 1/3%. By how much should the consumption be brought down to keep the expenditure same

A. 70% B.33 1/3% C.25% D.12.5%

9.A man scores 42.5% and failed by 5 marks. If he scores 52.5% he would pass by 15 marks then the minimum marks to pass is

A.200 B.100 C.90 D.80

10. If the price of petrol falls down by 20% by how much % must a person increase its consumption, so as not to decrease the expenditure on this item?

A. 35 B. 40 C.25 D. None of these

11. Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate got

A. 58 % B. 57 % C.55 % D. 56 %

12. The ratio 5:20 expressed as percent equals to

A. 50 % B. 25 % C.125 % D. 25.5 %

13. 88% of 370 + 24% of 210 - x = 118, then X=?

A. 175 B. 250 C. 158 D. 258

14. A batsman scored 120 runs which included 3 boundaries and 8 sixes. What percent of his total score did he make by running between the wickets?

A. 50 % B. 70 % C.60 % D. 40 %

15. One fourth of one third of two fifth of a number is 15. What will be40% of that number?

A. 225 B. 175 C. 180 D. 150

#### 16. If x% of y is 100 and y% of z is 200, then the relation between x and z is?

1. x=z 2. x=2z 3. z=2x 4. x=z/2

17. Kishore’s salary was decreased by 50% and subsequently increased by 50%. How much percent does he loss?

A. 55 B. 75 C. 25 D. 35

#### 18. A student multiplied a number by 3/5 instead of 5/3. What is the percentage error?

#### A. 46 B. 64 C. 125 D. 80

#### 19. What is 15 percent of 34?

#### A. 4.10 B. 3.10 C. 5.10 D. 3.16

#### 20. 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. 42, 31 B. 42, 33 C. 52, 30 D. 52, 33