1. Which of the following is the largest number .

a)20%of 200 b)7% of 500 c)1300% of 3 d) 600% of 7 **e)700% of 9**

2. If we express 41(3/17)% as a fraction then it is equal to.

a)17/7 b)7/17 c)12/17 d)3/17 e)27/17

3. ‘A’ sells his goods 25% cheaper than ‘B ‘and 25% dearer than ‘C’. How much percentage is C’s goods cheaper B”s

a)33.33% b) 50% c)66.66% d)40% e)none

4. The length, breadth and height of a room in the shape of a cuboid are increased by 10% ,20% and 50% respectively. Find the percentage change in the volume of the cuboid.

a) 77% b) 75% c)88% **d) 98%** e)99%

5. 50% of a% of b is 75% of b% of c .Which of the following is c

a) 1.5a **b) 0.667a** c) 0.5a d) 1.25a e) 1.66a

6. ‘A’ spend 20% of his monthly income on his household expenditure, 15% of the rest on books , 30% of the rest on clothes and save the rest. On counting, he comes to know that he has finally saved 9520 RS . Find his monthly income

1. 10000 b) 15000 c) 20000 d) 12000 e) none

7. A number is mistakenly divided by 5 instead of being multiplied by 5. Find the percentage change in the result due to his mistake

1. 96% b) 95% **c) 2400%** d) 200% e) none

8. In an election between 2 candidates, ‘A’ gets 65% of the total valid votes. If the total votes were 6000, What is The number of valid votes that the other candidate gets if 25% of the total votes were declared invalid

a) 1625 b) 1575 c) 1675 d) 1525 e) none

9. Mr. ‘X’ is worried about the balance of his monthly budget. The price of petrol has increased by 40% . By What percent should he reduce the consumption of petrol so that he is able to balance his budget.

1. 33.33 **b) 28.56** c) 25 d) 14.28 e) none

10. After receiving two successive raises, A’s salary became equal to 15/8 times of his initial salary. By how much Percent was the salary raised the first time if the second raise was twice as high (in percent) as the first.

a) 15% b) 20% c) 25% d) 30% e) 33.33%

11. The minimum quantity of milk in liters (in the whole number ) that should be mixed in a mixture of 60 litres in which the initial ratio of milk to water is 1:4 so that the resulting mixture has 15% milk is .

1. 3 b) 4 c) 5 d) 6 e ) this is not possible

12. A fraction is such that if double of the numerator and triple of the denominator is changed by +10% And -30%respectively than we get 11% of 16/21. Find the fraction.

a) 4/25 b) 2/25 c) 3/25 d) none

13. In a town the population of males decreased by 25% from the 2001 to 2002. The population of the females formed 44(4/9)% of the population in 2002 , what percentage of the population in 2001 were males.

a)50% b) 66 2/3% c) 80% d) 75%

14. A salesman is appointed on the basic salary of 1200 per month and the condition that for every sales of 10000 above 10000, he will get 50% of basic salary and 10% of sales as a reward . this incentive scheme Does not for first 10000 of sales. What should be the value of sales if he wants to earn 7600 in a particular Month

1. 60,000 b) 50,000 c) 40,000 e) none

15. Due to a 25% hike in the price of the rice per kg a person is able to purchase 20kg less for 400 Rs. Find the increased price of rice per kg.

1. 5 b) 6 c) 10 d) 4

16. Of the adult population in Hyderabad, 45% of men and 25% of women are married. What percentage of the total population of adult is married (assume that no men married more than one woman and vice versa).

1. 33.33% b) 32.14% c) 31.1% d) none

17. The population of village is 1,00,000. Increased rate per annul is 10%. Find the population at the starting of The fourth year.

1. 1,33,100 b) 1,21,000 c)1,333,00 d) none

18. An ore contains 25% of an alloy that has 90% iron. Other than this ,in the remaining 75% of the ore ,there is no Iron. How many kilograms of the ore are needed to obtain 60 kg of pure iron.

a) 250kg b) 275kg c) 300kg d)266.66 kg

19. After three successive equal percentage rise in the salary the sum of 100 rupees turned in to 140 rupees 49Paisa. Find the percent Raise in the salary.

a) 12% b) 22% c) 66% d) 82% e)77%

20. The hourly wages of a labor are increased by 12.5% , where as the weekly working hours are reduced by 8%.Find the percentage change in weekly wages if she was getting 1200 Rs per week for 50 hours previously .

a) 3.5% b) 4% c) 4.5% d)none

21. A’s monthly salary is A rupees. Of this ,he spends X rupees .The next month he has an increment of C% in his salary and D% in his expenditure .The new amount saved is .

1. A(1+C/100)-X(1+D/100)
2. (A/100)(C-(D)X(1+D/100)
3. X(C-(D)/100
4. X(C+D)-/100

22. A clock is set right at 12 noon on Monday . it loses 1.2% on the correct time in the first week but gains ¼% on The true time during the second week . The time show on Monday after two weeks will be .

a) 12:25:12 b) 11:34:48 c)12:50:24 d)12:24:16 e) none

23. In the test question were asked in five section .Out of the total student, 5% candidates are cleared the cut-off in the all section and 5% cleared none. Of the rest, 25% cleared only one section and 20% cleared four sections if 24.5% of the entire candidates cleared two section and 300candidates cleared three sections .Find how many candidates appeared at the test.

A) 1000 B) 1200 C)1500 D) 2000 E)1800

24. Anand cut a rectangular piece of paper twice. With the first cut , he decreased its area by 40%.With the second cut he decreased its area by 50%. Its final area was 30 sq cm less than its area after the first cut. Find its original area

A) 120 b) 100 c) 90 d)80

25. A new coach was appointed in the middle of a season for football team. After he took over, the team won 80% of the 60 matches it played. But the overall performed of the team was only 60%. Find the minimum number of matches the team must have played that season before the new coach took over.

1. 10 b) 15 c) 20 d) 80

26. A student secured 38% of the total marks in an exam and gets 18 marks more than the pass marks. A second student secured 27% of total marks in the same exam and fail by 37 marks. What is the pass mark as a percentage of the total marks.

A) 28% b) 32.2% c) 34.4% d) 35%

27. A school has 2000 students, out of which 40% of the students are in higher secondary. Out of the students in higher secondary, 28% are girls and 50% of them passed. The overall pass percentage in the higher secondary is 40%. How many boys passed?

a) 208 b) 320 c) 200 d) 96