

Percentage

1. A mother her little daughter and her just born infant boy together stood on a weighing machine which shows 74kgs.how much does the daughterweigh if the mother weighs 46kg more than the combined weight of daughter and the infant and the infant weighs 60% less than the daughter?
 - a) 9
 - b) 11
 - c) cannot be determined
 - d) 10
2. Mr.Govind was a building contractor. He was doing reasonably well in his business but was always on an expansion mode. Mr.Govind won a contract with the Corporation and his business began to boom. So he decided to deploy more people in his projects. If he were to increase his labour force by 33.33%, what will be percentage reduction in the work load of each employee?
 - a) 75
 - b) 50
 - c) 25
 - d) 33.33
3. Three candidates contested an election and received 2561, 8000 and 15721 votes respectively. What percentage of total votes did the winningcandidate get?
 - a) 58.61%
 - b) 57.21%
 - c) 59.81%
 - d) 60%
4. In paper A, one student got 18 out of 70 and in paper B he got 14 out of 30. In which paper he did fare well?
 - a) Paper A
 - b) Paper B
 - c) Equally
 - d) None
5. The value of a scooter depreciates in such a way that its value at the endof each year is $\frac{3}{4}$ of its value at the beginning of the same year. If the initial value of the scooter is Rs. 40000. What is its value at the end of 3years?
 - a) 23125
 - b) 16875
 - c) 13435
 - d) 19000
6. Chauncy, an English bulldog, received 1200 votes in the Mr Bulldog USA competition, giving him approximately 30 percent of the vote. Approximately what percent of the remaining votes would he have needed to receive in order to win 70 percent of the total votes?
 - a) 49
 - b) 55
 - c) 59

d) 57 %

7. The population of a town is 1, 21,000. If it increases at the rate of 10% per annum, what is the difference between the population 3 years hence and that of 2 years ago?
- a) 62041
 - b) 61055
 - c) 61051
 - d) 61251
8. The population of a town 2 years ago was 50,000. Due to migration to big cities, it decreases every year at the rate of 5%. The present population of the town is
- a) 43200
 - b) 45125
 - c) 40000
 - d) 35000
9. In the general elections, the parties 1, 2 and 3 got votes as 45, 12 and 43% respectively. If a total of 16000 people voted, then by what number of votes did the coalition of party 2 and 3 win?
- a) 1700
 - b) 1400
 - c) 1600
 - d) 1650
10. When a commission of 12% is given on the marked price of a magazine, the publisher gains 20%. If the commission is increased to 23%, what will be the publisher's percentage gain?
- a) 6
 - b) 8
 - c) 7.5
 - d) 5 %
11. If decreasing 120 by $x\%$ gives the same result as increasing 40 by $x\%$ then $x\%$ of 210 is what percent less than $(x + 20)\%$ of 180?
- a) 33
 - b) 18
 - c) 16
 - d) 20
12. The income of Raju is 20% more than his expenditure. If his income increases by 60% and his expenditure increases by 70% then by what percent does his savings increase or decrease?
- a) It decreases by 10%
 - b) It decreases by 2%
 - c) it increases by 10%
 - d) it increases by 2%

13. The income of A is 25% more than that of B and the income of C is 65% less than the sum of the incomes of A and B. Income of C is what percent less than the income of A?

- a) 28
- b) 32
- c) 35
- d) 37

14. In an examination, 50% students failed in English and 40% in Math and 15% students failed in both subjects. If 200 students passed in both the subjects, find the number of students appeared in the exam.

- a. 500
- b. 600
- c. 700
- d. 800

15. When the price of an item was reduced by 20%, then the sale increased by $x\%$. If there is an increase of 25% in receipt of the revenue, then the value of x is

- a) 120
- b) 96
- c) 56
- d) 80

16. A is 20% less than B and C is 30% more than D. If D is 25% less than A then which of the following is true?

- a) $B = 0.39C$
- b) $C = 0.78B$
- c) $B = 0.7C$
- d) $C = 0.39B$

17. The price of sugar has increased by 20%. A person wants to increase his expenditure by 8% only. By what percent should he decrease his consumption?

- a) 10%
- b) 11%
- c) 9%
- d) 12%

18. If 85% of a number is added to 75, then the result is the number itself the number is

- a) 500
- b) 200
- c) 300
- d) 100

19. Sudha saves 15% of her income if her expenditure increases by 20% and savings increases by 60% then by what percent has her income increased?

- a) 26
- b) 35
- c) 24
- d) 30

20. Surbhi spends 75% of her income. If her income increases by 20% and savings decreases by 1%, then the percentage increase in her expenditure is

- a) 27
 - b) 2.2
 - c) 22
 - d) 2.7
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