

## **PERCENTAGE QUESTIONS**

**Q.1** A got 37.5 % marks less than B, then by what percent the marks of B is more than the marks of A?

- (a) 60 %                      (b) 37.5 %                      (c) 27.27 %                      (d) 40 %

**Q.2** In an election contest between A and B, A wins by the margin of 240 votes. If A gets 60% of the total votes, total votes are:

- (a) 1000                      (b) 900                      (c) 800                      (d) 1200

**Q.3** A's salary is 20% more than B's; B's salary is 10% less than C's. If A's salary is Rs. 1080, find C's salary.

- (a) 900                      (b) 1200                      (c) 1000                      (d) none of these

**Q.4** 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) 800                      (d) 1000

**Q.5** The price of petrol increased by 25% and so a person reduced his consumption by 25%. What percentage is the rise or fall in the expenditure incurred by him on petrol?

- (a) 6.25% increasing                      (b) 0.625% decreasing  
(c) 6.25% decreasing                      (d) 0.625 increasing

**Q.6** The length of a rectangle is increased by 60%. By what percent would be width have to be decreased to maintain the same area?

- (a) 37.5 %                      (b) 60%                      (c) 75%                      (d) None of these

**Q.7** Water tax is increased by 20% but its consumption is decreased by 20%. Then, the increase or decrease in the expenditure of the money is:

- (a) No change                      (b) 5% decrease  
(c) 4% increase                      (d) 4% decrease

**Q.8** In a college election, a candidate secured 62% of the votes and is elected by a majority of 144 votes. The total number of votes polled is:

- (a) 600                      (b) 800                      (c) 925                      (d) 120

**Q.9** If the price of an item is decreased by 10% and then increased by 10%, the net effect on the price of the item is:

- (a) A decrease of 99%                      (b) No change  
(c) A decrease of 1%                      (d) An increase of 1%

**Q.10** In an election between two candidates, the candidate who got 60% of valid votes won by a majority of 200 votes. If out of total votes polled 80% votes are valid. What is the total number of votes polled?

- (a) 1000                      (b) 1250                      (c) 1500                      (d) 1300

**Q.11** On decreasing the price of a scooter by 30%, its sales is increase by 20%. What is the effect on the revenue received by the shopkeeper?

- (a) 10% decrease    (b) 16% increase    (c) 10% increase    (d) 16% decrease

**Q.12** In an election 10% of the voters on the voters list did not cast their votes and 60 voters cast their ballot papers blank. There were only two candidates. The winner was supported by 47% of all voters in the list and he got 308 votes more than his rival. The number of voters on the list was:

- (a) 3600                      (b) 6200                      (c) 4575                      (d) 6026

**Q.13** A candidate scores 25 % marks and fails by 30 marks, while another candidate who scores 50 % marks get 20 marks more than the minimum marks required to pass the examinations. Find the maximum marks for the examination.

- (a) 200                      (b) 100                      (c) 400                      (d) 500

**Q.14** Reduction in price of sugar by 20% allows a household to buy 45 kg more for Rs.450. Find the original price of the sugar.

- (a) Rs 2 kg                      (b) Rs 2.5 kg                      (c) Rs 3 kg                      (d) None

**Q.15** In an examination, 34% of the students failed in Mathematics and 42% failed in English. If 20% of students failed in both the subjects, then the percentage of students who passed in both the subjects was:

- (a) 44                      (b) 50                      (c) 54                      (d) 56

