

- Find the ratio of 3 km to 300 m.  
a) 10 : 1                      b) 1 : 10                      c) 1 : 5                      d) none of these
- A map is given with a scale of 2 cm = 1000 km. What is the actual distance between the two places in kms, if the distance in the map is 2.5 cm?  
a) 1250 km                      b) 1500 km                      c) 2500 km                      d) none of these
- 6 bowls cost Rs 90. What would be the cost of 10 such bowls?  
a) Rs 300                      b) Rs 150                      c) Rs 200                      d) Rs 250
- The car that I own can go 150 km with 25 litres of petrol. How far can it go with 30 litres of petrol?  
a) 125 km                      b) 150 km                      c) 250 km                      d) none of these
- The ratio of 90 cm to 1.5 m is  
a) 2 : 5                      b) 3 : 5                      c) 4 : 5                      d) none of these
- A picnic is being planned in a school for CLASS VIII. Girls are 60% of the total number of students and are 18 in number. The ratio of the number of girls to the number of boys in the class is  
a) 2 : 3                      b) 3 : 2                      c) 4 : 5                      d) none of these
- Find the ratio of Speed of a cycle 15 km per hour to the speed of scooter 30 km per hour.  
a) 2 : 1                      b) 1 : 2                      c) 4 : 5                      d) none of these
- Find the ratio of 5 m to 10 km  
a) 2000 : 1                      b) 1 : 2000                      c) 1 : 2                      d) none of these
- Find the ratio of 50 paise to Rs 5  
a) 10 : 1                      b) 1 : 10                      c) 1 : 5                      d) none of these
- 72% of 25 students are good in hindi, how many are not good in hindi?  
a) 16                      b) 14                      c) 18                      d) 7
- In a computer lab, there are 3 computers for every 6 students. How many computers will be needed for 24 students?  
a) 12                      b) 14                      c) 16                      d) none of these
- Out of 32 students, 8 are absent. What percent of the students are present?  
a) 75%                      b) 64%                      c) 60%                      d) none of these
- There are 25 radios, 16 of them are out of order. What percent of radios are out of order?  
a) 75%                      b) 64%                      c) 60%                      d) none of these
- A shop has 500 parts, out of which 5 are defective. What percent are not defective?  
a) 75%                      b) 99%                      c) 90%                      d) none of these
- There are 120 voters, 90 of them voted yes. What percent voted yes?  
a) 75%                      b) 99%                      c) 90%                      d) none of these

1. A survey of 40 children showed that 25% liked playing football. How many children not liked playing football?  
a) 90                      b) 60                      c) 30                      d) none of these
2. 8% children of a class of 25 like getting wet in the rain. How many children do not like getting wet in the rain.  
a) 20                      b) 22                      c) 23                      d) none of these
3. Rahul bought a sweater and saved Rs 20 when a discount of 25% was given. What was the price of the sweater before the discount?  
a) Rs 30                      b) Rs 40                      c) Rs 60                      d) Rs 80
4. Out of 15,000 voters in a constituency, 60% voted. Find the number of voters who did not vote.  
a) 9000                      b) 6000                      c) 3000                      d) none of these
5. Meeta saves Rs 400 from her salary. If this is 10% of her salary. What is her salary?  
a) 4000                      b) 6000                      c) 3000                      d) none of these
6. A local cricket team played 20 matches in one season. It won 25% of them. How many matches did they lose?  
a) 12                      b) 14                      c) 16                      d) none of these
7. A school team won 6 games this year against 4 games won last year. What is the per cent increase?  
a) 75%                      b) 50%                      c) 60%                      d) none of these
8. The number of illiterate persons in a country decreased from 150 lakhs to 100 lakhs in 10 years. What is the percentage of decrease?  
a) 30%                      b) 50%                      c)  $33\frac{1}{3}\%$                       d) none of these
9. Cost of an item is Rs 50. It was sold with a profit of 12%. Find the selling price.  
a) Rs 56                      b) Rs 60                      c) Rs 70                      d) none of these
10. **How much will an item cost if 10% discount is given on the marked price Rs 100**  
a) 90                      b) 110                      c) 95                      d) 85
11. A football team won 10 matches out of the total number of matches they played. If their win percentage was 40, then how many matches did they play in all?  
a) 10                      b) 25                      c) 40                      d) none of these
12. If Chameli had Rs 600 left after spending 75% of her money, how much did she have in the beginning?  
a) Rs 3000                      b) Rs 2400                      c) Rs 2600                      d) Rs 2800

- The price of a scooter was Rs 34,000 last year. It has increased by 20% this year. What is the price now?  
a) Rs 40800      b) Rs 32300      c) Rs 40000      d) none of these
- The price of a scooter was Rs 34,000 last year. It has decreased by 5% this year. What is the price now?  
a) Rs 40800      b) Rs 32300      c) Rs 40000      d) none of these
- Mohit bought a CD for Rs. 750 and sold it Rs. 875. Find his gain or loss percent.  
a) 5%      b) 16%      c) 6%      d)  $16\frac{2}{3}\%$
- Rahul purchased a table for Rs. Rs. 1260 and due to some scratches on its top he had to sell it for Rs. 1197. Find his loss or gain percent.  
a) 5%      b) 4%      c) 6%      d)  $16\frac{2}{3}\%$
- Raghu bought an almirah for Rs. 6250 and spent Rs. 375 on its repairs. Then he sold it for Rs. Rs. 6890. Find his gain or loss percent.  
a) 5%      b) 4%      c) 6%      d)  $16\frac{2}{3}\%$
- A vendor bought oranges at Rs. 20 for Rs. 56 and sold them at Rs. 35 per dozen. Find his gain or loss percent.  
a) 5%      b)  $4\frac{1}{6}\%$       c) 6%      d)  $16\frac{2}{3}\%$
- The cost of a flower vase is Rs 120. If the shopkeeper sells it at a loss of 10%, find the price at which it is sold.  
a) Rs 108      b) Rs 450      c) Rs 160      d) none of these
- Selling price of a toy car is Rs 540. If the profit made by shopkeeper is 20%, what is the cost price of this toy?  
a) Rs 108      b) Rs 450      c) Rs 160      d) none of these
- The marked price of a ceiling fan is Rs. 1250 and the shopkeeper allows a discount of 6% on it. Find the selling price of the fan.  
a) Rs 1180      b) Rs 1175      c) Rs 1160      d) none of these
- A trader marks his goods at 40% above the cost price and allows a discount of 25%. What is his gain?  
a) Rs 118      b) Rs 175      c) Rs 105      d) none of these
- A dealer purchased a washing for Rs. 7660. He allows a discount of 12% on its marked price and still gains 10%. Find the marked price of the machine.  
a) Rs 9800      b) Rs 9675      c) Rs 9575      d) none of these
- On selling a fan for Rs. 810. Sunil gains 8%. For how much did he purchase it?  
a) Rs 780      b) Rs 750      c) Rs 760      d) none of these

- On selling a table for Rs. 987. Ramesh loses 6%. For how much did he purchase it?  
a) Rs 1500      b) Rs 105      c) Rs 1050      d) none of these
- Rashmi buys a calculator for Rs. 720 and sells it at a loss of  $6\frac{2}{3}\%$ . For how much does she sell it?  
a) Rs 700      b) Rs 650      c) Rs 672      d) none of these
- The boys and girls in a school are in the ratio of 8 : 5. If the number of girls is 160, what is the total strength of the school?  
a) 250      b) 260      c) 356      d) 416
- The simple interest on Rs. 5000 for 219 days at 4% per annum is  
a) Rs 126.50      b) Rs 120      c) Rs 125      d) Rs. 43.80
- Find the simple interest on Rs. 2500 for 2 years 6 months at 6% per annum.  
a) Rs 350      b) Rs 375      c) Rs 750      d) none of these
- What sum will amount to Rs. 4590 at 12% per annum simple interest in 3 years?  
a) Rs 3500      b) Rs 3375      c) Rs 3750      d) none of these
- In what time will Rs. 1860 amount to Rs. 2278.50, if simple interest is calculated at 9% per annum?  
a) 2 years      b)  $2\frac{1}{2}$  years      c) 3 years      d) 4 years
- At what rate percent per annum will Rs. 1650 amount to Rs. 2046 in 3 years?  
a) 8%      b) 4%      c) 6%      d)  $16\frac{2}{3}\%$
- Simple interest on a certain sum is  $\frac{16}{25}$  of the sum. Find the rate percent and the time if both are numerically equal.  
a) 6 years      b)  $2\frac{1}{2}$  years      c) 8 years      d) 4 years
- At what rate percent per annum simple interest will a sum treble itself in 16 years?  
a) 12%      b) 12.5%      c) 15%      d)  $16\frac{2}{3}\%$
- A sum of money at simple interest amounts to Rs. 696 in 2 years and Rs. 840 in 5 years. The sum is  
a) Rs 500      b) Rs 600      c) Rs 560      d) Rs. 620

12. In what time will Rs. 1600 amount to Rs. 1768 at 6% per annum simple interest?

- a)  $1\frac{1}{4}$  years      b)  $2\frac{1}{2}$  years      c)  $1\frac{3}{4}$  years      d)  $1\frac{1}{2}$  years

13. A sum amounts to Rs. 3720 in 8 months at 5% per annum simple interest. The sum is

- a) Rs 3500      b) Rs 3600      c) Rs 3560      d) Rs. 3620

14. At what rate percent per annum simple interest will a sum be double itself in 8 years?

- a) 15%      b) 14%      c) 16%      d)  $12\frac{1}{2}$  %

15. At simple interest a sum becomes of itself in 5 years. The rate of interest percent per annum is

- a) 8%      b) 5%      c) 10%      d) 12%

1. What amount Heena has to pay at the end of 2 years on a sum of Rs 20,000 at an interest of 8% compounded annually?  
a) Rs 23328                      b) Rs 23000                      c) Rs 23350                      d) Rs 23450
2. What will be the bill amount if the cost of a toy is Rs 450 and the sales tax charge is 5%?  
a) Rs 472.5                      b) Rs 437.5                      c) Rs 460                      d) Rs 455
3. The compounded interest on Rs. 50,000 at 8% per annum for 2 years, compounded annually is  
a) Rs 8000                      b) Rs 8250                      c) Rs 8350                      d) Rs 8640
4. At what rate percent per annum will a sum of Rs. 7500 amount to Rs. 8427 in 2 years compounded annually?  
a) 5%                      b) 4%                      c) 6%                      d) 8%
5. The compounded interest on Rs. 30000 at 7% per annum for a certain time is Rs. 4347. The time is  
a) 2 years                      b)  $2\frac{1}{2}$  years                      c) 3 years                      d) 4 years
6. The principal that amounts to Rs. 4913 in 3 years at  $6\frac{1}{4}$ % per annum compound interest, compounded annually is  
a) Rs 3096                      b) Rs 4076                      c) Rs 4085                      d) Rs 4096
7. If the simple interest on a sum of money at 5% per annum for 3 years is Rs. 1200, then the compound interest on the same sum for the same period at the same rate will be  
a) Rs 1225                      b) Rs 1236                      c) Rs 1248                      d) Rs 1261
8. If the compound interest on a sum for 2 years at  $12\frac{1}{2}$ % per annum is Rs. 510, the simple interest on the same sum at the same rate for same period of time is  
a) Rs 400                      b) Rs 450                      c) Rs 460                      d) Rs 480
9. The difference between compound interest and simple interest on a sum of Rs. 15000 for 2 years is Rs. 96. What is the rate of interest percent per annum?  
a) 10%                      b) 12%                      c) 6%                      d) 8%
10. The compounded interest on Rs. 8,000 at 5% per annum for 3 years, compounded annually is  
a) Rs 1225                      b) Rs 1236                      c) Rs 1248                      d) Rs 1261
11. The compounded interest on Rs. 6400 at  $7\frac{1}{2}$ % per annum for 2 years, compounded annually is  
a) Rs 7096                      b) Rs 7396                      c) Rs 7000                      d) none of these
12. In what time will be Rs. 1000 amount to Rs. 1331 at 10% per annum compounded annually?  
a) 2 years                      b)  $2\frac{1}{2}$  years                      c) 3 years                      d) 4 years