

50 IMPORTANT PERCENTAGE QUESTIONS



For Banking Exams

50 Important Percentage Practice Questions

Q1) What percent of a day in 6 hours?

- A. 25%
- B. 52%
- C. 50%
- D. 5%

Correct Answer: "A"

Q2) The population of a town is 176000. If it increases at the rate of 5% per annum, what will be its population 2 years hence?

- A. 194000
- B. 194040
- C. 190440
- D. 194104

Correct Answer: "B"

Q3) The length and breadth of a rectangle are increased by 20% and 30%. The area of the resulting rectangle exceeds the area of the original rectangle?

- A. 50%
- B. 65%
- C. 56%
- D. 156%

Correct Answer: "C"

Q4) Sugar contains 5% water. What quantity of pure Sugar should be added to 10 litres of water to reduce this to 2%.

- A. 5 lit
- B. 6 lit
- C. 10 lit
- D. 15 lit

Correct Answer: "D"

Q5) The price of a fan is decreased by 20%. As a result of which the sale increased by 40%. What will be the effect on the total revenue of the shop?

- A. 12%
- B. 10%
- C. 20%
- D. 30%

Correct Answer: "A"

Q6) 45% of ? = 25% of 355

- A. 195
- B. 176
- C. 127
- D. 197.22

Correct Answer: "D"

Q7) Out of 500 students of a school 35% students plays football, 25% plays cricket and 20% neither play football nor cricket. How many students play football and cricket ?

- A. 200
- B. 100
- C. 50
- D. 94

Correct Answer: "A"

Q8) Fresh fruits contains 70% of water and dry fruits contain 20% of water. How much dry fruit can be obtained from 100kg of fresh fruits?

- A. 35
- B. 37
- C. 37.5
- D. 40

Correct Answer: "C"

Q9) If Harish height is 30% less than that of Yogesh. How much percentage Yogesh height is more than that of Harish?

- A. 42.58%
- B. 42.8%
- C. 42.83%
- D. 42.85%

Correct Answer: "D"

Q10) The population of a city is increased 5% ,7% and 11% in the last three years. What will be the present population if the population of a town is 2,40,000 three years ago?

- A. 2,99,600
- B. 2,99,500
- C. 2,99,400
- D. 2,99,300

Correct Answer: "D"

Q11) 500 pencils were distributed equally among children in such a way that the number of pencils received by each child is 20% of the total number of children. How many pencils did each child receive?

- A. 45
- B. 50
- C. 55
- D. 43

Correct Answer: "B"

Q12) One type of liquid contains 20% water and the second type of liquid contains 35% water. A glass filled with 8 parts of the first liquid and 5 parts of the second liquid. The water percentage in the new mixture is

- A. 25.75
- B. 25.76
- C. 25.67
- D. 25.56

Correct Answer: "B"

Q13) If the radius of the circle is increased by 5% then the area is increased by

- A. 10.20
- B. 10.22
- C. 10.24
- D. 10.25

Correct Answer: "D"

Q14) In an election a candidate who got 25% of the total votes polled was defeated by his rival by 270 votes. Assuming that there were only 2 candidates in the election, the total number of votes polled was

- A. 400
- B. 500
- C. 440
- D. 540

Correct Answer: "D"

Q15) The population of a town is 16500. During the last 3 years, the population increased at the rate of 20% per year. The population 3 years ago was

- A. 9546
- B. 9547
- C. 9548
- D. 9549

Correct Answer: "D"

Q16) The passing marks in an examination is 40%. If Ashok gets 88 marks and is declared failed by 10 marks, then the maximum mark in the examination is

- A. 240
- B. 242
- C. 245
- D. 246

Correct Answer: "C"

Q17) From the salary, Akhilesh spent 15% for house rent, 5% for children's education and 15% for Entertainment. Now he left with Rs.13,000. His salary is

- A. 19,000
- B. 20,000
- C. 18,000
- D. 15,000

Correct Answer: "B"

Q18) In an examination 30% of the students failed in Science, 45% of the students failed in Maths and 25% of the students failed in both subjects. Find the % of the students passed?

- A. 60%
- B. 30%
- C. 45%
- D. 50%

Correct Answer: "D"

Q19) The salary of a workers increased by 15% and decreased by 7%, What % change rises in his salary?

- A. 10%
- B. 7%
- C. 5%
- D. 8%

Correct Answer: "B"

Q20) In an examination, 30% of the maximum marks required to pass. A student get 120 marks and failed by 90marks. Find the maximum marks

- A. 800
- B. 720
- C. 650
- D. 700

Correct Answer: "D"

Q21) P's income is 20% more than Q's income. How much % Q's income less than P's income?

- A. 18.54%
- B. 16.67%
- C. 17.76%
- D. 15.75%

Correct Answer: "B"

Q22) The value of commodity depreciated 20% annually. If the value of commodity 3yrs ago was Rs.10,500. Find it's present value?

- A. 3678
- B. 5700
- C. 4567
- D. 5376

Correct Answer: "D"

Q23) In an alloy, there is 15% of brass, to get 90 kg of brass, how much alloy is needed?

- A. 400 kg
- B. 500 kg
- C. 600 kg
- D. 700 kg

Correct Answer: "C"

Q24) In an examination if a person get 20% of the marks then it is fail by 30 marks. Another person who gets 30% marks gets 30 marks more than the passing marks. Find out the total marks and the passing marks.

- A. 600 and 150
- B. 600 and 180
- C. 500 and 150
- D. 500 and 180

Correct Answer: "A"

Q25) In an election the votes between the winner and loser candidate are in the ratio 5:1. If total number of eligible voters are 1000, out of which 12% did not cast their vote and among the remaining vote 10% declared invalid. What is the number of votes the winner candidate get?

- A. 620
- B. 630
- C. 640
- D. 660

Correct Answer: "D"

Q26) 1000 sweets need to be distributed equally among the school students in such a way that each student gets sweet equal to 10% of total students. Then the number of sweets, each student gets.

- A. 10
- B. 12
- C. 14
- D. 16

Correct Answer: "A"

Q27) The income of a person is 10000 and its expenditure is 6000 and thus saves 4000rs. In the next year his income is increased by 10% and its expenditure increased by 20%. Now his saving is what percent lower than the previous saving.

- A. 5%
- B. 7.5%
- C. 10%
- D. 15%

Correct Answer: "A"

Q28) 0% of the students like Mathematics, 50% like English and 10% like both Mathematics and English. What % of the students like neither English nor Mathematics?

- A. 25%
- B. 10%
- C. 20%
- D. 60%

Correct Answer: "C"



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Q29) If the price of wheat is reduced by 2%. How many kilograms of wheat a person can buy with the same money which was earlier sufficient to buy 49 kg of wheat?

- A. 58 kg
- B. 60 kg
- C. 52 kg
- D. 50 kg

Correct Answer: "D"

Q30) Monthly salary of A is 30% more than B's monthly salary and B's monthly salary is 20% less than C's. If the difference between the monthly salaries of A and C is Rs 800, then find the annual salary of B.

- A. Rs 14,500
- B. Rs 16,800
- C. Rs 15,000
- D. None of these

Correct Answer: "D"

Q31) 3 years ago the population of a town was 1,60,000. In the three respective years the population increased by 3%, 2.5% and 5% respectively. What is the population of town after 3 years?

- A. 1,77,366
- B. 1,66,733
- C. 1,76,736
- D. 1,80,766

Correct Answer: "A"

Q32) There are 2500 students who appeared for an examination. Out of these, 35% students failed in 1 subject and 42% in other subject and 15% of students failed in both the subjects. How many of the students passed in either of the 2 subjects but not in both?

- A. 1925
- B. 1175
- C. 1275
- D. 1100

Correct Answer: "B"

Q33) A bucket is filled with water such that the weight of bucket alone is 25% its weight when it is filled with water. Now some of the water is removed from the bucket and now the weight of bucket along with remaining water is 50% of the original total weight. What part of the water was removed from the bucket?

- A. $\frac{2}{5}$
- B. $\frac{1}{4}$
- C. $\frac{2}{3}$
- D. $\frac{1}{2}$

Correct Answer: "C"

Q34) There are 5000 students in a school. The next year it was found that the number of boys and girls increased by 10% and 15% respectively making the total number of students in school as 5600. Find the number of girls originally in the school?

- A. 4500
- B. 2000
- C. 3000
- D. Cannot be determined

Correct Answer: "B"

Q35) A solution contains 10% of salt by weight. On evaporation 15 litre of water evaporates and now concentration of salt becomes 20 percent. Find the initial quantity of solution

- A. 20 ltr
- B. 30 ltr
- C. 40 ltr
- D. 50 ltr

Correct Answer: "B"

Q36) The number of seats in a cinema hall is decreased by 12 percent and the price of tickets also decreased by 4 percent. Find the change in the collection of revenue.

- A. decrease 15.52%
- B. decrease 16.52%
- C. decrease 17.52%
- D. decrease 14.325%

Correct Answer: "A"

Q37) The population of a town is 15000. It increases by 10 percent in the first year and 20 percent in the second year. But in the third year it decreases by 10 percent. What will be the population after 3 years.

- A. 16820
- B. 15820
- C. 17820
- D. 19820

Correct Answer: "C"

Q38) Rajeev buys good worth Rs. 6650. He gets a rebate of 6% on it. After getting the rebate, he pays sales tax @ 10%. Find the amount he will have to pay for the goods.

- A. Rs. 6876.10
- B. Rs. 6999.20
- C. Rs. 6654
- D. Rs. 7000

Correct Answer: "A"

Q39) Two tailors X and Y are paid a total of Rs. 550 per week by their employer. If X is paid 120 percent of the sum paid to Y, how much is Y paid per week?

- A. Rs. 200
- B. Rs. 250
- C. Rs. 300
- D. None of these

Correct Answer: "B"

Q40) In an election contested by two parties A and B, party A secured 25 percent of the total votes more than Party B. If party B gets 15000 votes. By how much votes does party B loses the election?

- A. 8000
- B. 10000
- C. 12000
- D. 15000

Correct Answer: "B"

Q41) 40% of the women are above 30 years of age and 80 percent of the women are less than or equal to 50 years of age. 20 percent of all women play basketball. If 30 percent of the women above the age of 50 plays basketball, what percent of players are less than or equal to 50 years?

- A. 50%
- B. 60%
- C. 70%
- D. 80%

Correct Answer: "C"

Q42) 60 percent of the employees of a company are women and 75% of the women earn 20000 or more in a month. Total number of employees who earns more than 20000 per month in the company is 60 percent of the total employees. What fraction of men earns less than 20000 per month?

- A. $\frac{5}{8}$
- B. $\frac{5}{7}$
- C. $\frac{1}{5}$
- D. $\frac{3}{4}$

Correct Answer: "A"

Q43) A got 30% of the maximum marks in an examination and failed by 10 marks. However, B who took the same examination got 40% of the total marks and got 15 marks more than the passing marks. What were the passing marks in the examination?

- A. 65
- B. 75
- C. 80
- D. None of these

Correct Answer: "D"

Q44) A reduction of 20% percent in the price of rice enables a housewife to buy 5 kg more for rupees 1200. The reduced price per kg of rice

- A. 36
- B. 45
- C. 48
- D. 60

Correct Answer: "C"

Q45) 12 percent of the voters in an election did not cast their votes. In this election there are only two candidates. The winner by obtaining 45% of the total votes and defeated his rival by 2000 votes. The total number of votes in the election

- A. 50000
- B. 75000
- C. 100000
- D. 125000

Correct Answer: "C"

Q46) A man spends 60% of his income. His income is increased by 20% and his expenditure also increases by 10%. Find the percentage decrease in his saving?

- A. 10%
- B. 15%
- C. 20%
- D. 25%

Correct Answer: "A"

Q47) The marked price of an article is 20% higher than the cost price. A discount of 20% is given on the marked price. In this transaction the seller

- A. bears no loss no profit
- B. losses 4%
- C. gain 4%
- D. losses 1%

Correct Answer: "B"

Q48) When the price of rice is increased by 30 percent, a family reduces its consumption such that the expenditure is only 20 percent more than before. If 50 kg of rice is consumed by family before, then find the new consumption of family (approx.)

- A. 43kg
- B. 44kg
- C. 45kg
- D. 46kg

Correct Answer: "D"

Q49) In a class of 60 students, 40% of the students passed in Reasoning, 5% of the students failed in Quants and Reasoning, and 20% of the students passed in both the subjects. Find the number of students passed only in Quants?

- A. 17
- B. 33
- C. 23
- D. 37

Correct Answer: "B"

Q50) In an examination, 50% of the students passed in Science and 75% passed in Social, while 20% students failed in both the subjects. If 270 students passed in both subjects, find the total number of students who appeared in the exam?

- A. 400
- B. 540
- C. 600
- D. 750

Correct Answer: "C"

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