

PERCENTAGE

- Q.1. Samir spends 40% of his salary on food article and one third of the remaining on transport. If he saves Rs.450 per month, which is half of the balance after spending on food items and transport, what is his monthly salary?
- a) Rs. 2250 b) Rs. 3000 c) Rs. 3500 d) Rs. 4200
- Q.2. Kamal has some apples. He sold 40% more than he ate. If he sold 70 apples, how much did he eat?
- a) 50 b) 60 c) 65 d) 70
- Q.3. $\frac{5}{9}$ part of the population in a village are males. If 30% of the males are married, the percentage of unmarried females in the total population is:
- a) 20 % b) $27\frac{7}{9}$ % c) 40 % d) 70 %
- Q.4. In an examination, 1100 boys and 900 girls appeared. 50% of the boys and 40% of the girls passed the examination. The percentage of candidates failed is:
- a) 50 % b) 53.5 % c) 54.5 % d) 55 %
- Q. 5. Alekh secured 50% marks in Hindi, 60% in English and 70% in Maths as well as in Science. What were his total marks if the maximum marks obtainable in each of these 4 subjects was 50?
- a) 200 b) 125 c) 132 d) 180
- Q.6. 30% of A's salary is equal to 20% of th of B's salary. If B's salary is Rs.2400, what is A's salary ?
- a) Rs. 1200 b) Rs. 1150 c) Rs. 1250 d) Rs.1300
- Q.7. From a container having pure milk, 20% is replaced by water and the process is repeated thrice. At the end of the third operation, the milk is:
- a) 51.2 % b) 52 % c) 55 % d) 60 %
- Q.8. In a public school, th of girls and th of boys are under 12 years of age. If the total strength of the school is 1000 and number of girls is th of the total, what part of the total strength of the school is accounted for by those, which are 12 years or more of age?
- a)770 b) 800 c) 750 d) 870
- Q 9. The salaries of A and B together amount to Rs.2000. A spends 95% of his salary and B, 85% of his. If now, their savings are the same, what is A's salary?
- a) Rs. 2000 b) Rs.1500 c) Rs. 1200 d) Rs. 1000
- Q.10. 300 grams of sugar solution has 40% sugar in it. How much sugar should be added to make it 50% in the solution?
- a) 53 % b) 60 % c) 65 % d) 55 %
- Q.11. The quantity of water (in ml) needed to reduce 9 ml shaving lotion containing 50% alcohol to a lotion containing 30% alcohol, is:
- a) 5 ml b) 6 ml c) 7 ml d) 6.2 ml

- Q..12 To a sugar solution of 3 liter containing 40% sugar, one liter of water added. The percentage of sugar in the new solution is:
- a) $13\frac{1}{3}\%$ b) 15 % c) 30 % d) 33 %
- Q.13. The price of an article is cut by 20%. To restore it to the former value the new price must be increase by :
- a) 25 % b) 20 % c) 35% d) 45 %
- Q.14. The income of a broker remains unchanged though the rate of commission is increased from 4% to 5%. The percentage of slump in business is:
- a) 25 % b) 31 % c) 20 % d) 22 %
- Q.15. In an examination , there are 3 paper of Mathematics of 100 marks each, A boys secures 60% in the first paper and 70% in the second paper. In order to secure 70% in the aggregate the percentage of marks he should secure in third paper will be :
- a) 80 b) 82 c) 90 d) 120
- Q.16. A candidate scoring 25% marks in an examination fails by 30 marks while another candidates who scores 50% marks gets 20 marks more than those required to pass. The pass percentage is:
- a) 30 % b) 40 % c) 45 % d) 50 %
- Q.17. Two numbers are less than a third number by 30% and 37% respectively . How much percent is the second number less than the first ?
- a) 3 % b) 4 % c) 7 % d) 10 %
- Q.18. A bag contains 600 coins of 25p denomination and 1200 coins of 50p denomination. If 12% of 25p coins and 24% of 50p coins are removed, the percentage of money removed from the bag is nearly :
- A) 15.6 % b) 17.8 % c) 21.6 % d) 30 %
- Q.19. 5% of income of A is equal to 15% of income of B and 10% of income of B is equal to 20% of income of C. If income of C is Rs.2000, then total income of A,B & C is:
- a) Rs. 6000 b) Rs. 14000 c) Rs. 18000 d) Rs. 20000
- Q.20. In an examination, A got 10% marks less than B, B got 25% marks more than C and C got 20% less than D. If A got 360 marks out of 500, the percentage of marks obtained by D was :
- a) 80 % b) 90 % c) 100 % d) 100 %

ANSWER KEY

1	A
2	A
3	C
4	C
5	B
6	A
7	A
8	B
9	D
10	B
11	B
12	C
13	A
14	A
15	A
16	B
17	D
18	C
19	C
20	A