

## Percentage

1. A man spends 35% of his income on food, 25% on children's education and 80% of the remaining on house rent. What percent of his income he is left with?  
(a) 6% (b) 8% (c) 10% (d) 12%
2. 35% of 35% is equal to  
(a) 0.125 (b) 0.0310 (c) 0.04145 (d) 0.3210
3. Gaurav spends 40% of his monthly income on food articles, 20% of the remaining on conveyance and clothes and saves 50% of the remaining. If his monthly salary is Rs17,000, how much money does he save every month?  
(a) 3864 (b) 4080 (c) 5849 (d) 1100
4. 288 sweets were distributed equally among children in such a way that the number of sweets received by each child is 50% of the total number of children. How many sweets did each child receive?  
(a) 9 (b) 10 (c) 11 (d) 12
5. In an election only two candidates contested 20% of the voters did not vote and 120 votes were declared as invalid. The winner got 200 votes more than his opponent thus he secured 41% votes of the total voters on the voter list. Percentage votes of the defeated candidate out of the total votes casted is:  
(a) 47.5% (b) 41% (c) 38% (d) 45%
6. A housewife saved Rs2.50 in buying an item on sale. If she spent Rs30 for the item, approximately how much percent she saved in the transaction?  
(a) 6.7 (b) 7.7 (c) 4.8 (d) 3.5
7. A number is decreased by 10% and then increased by 10%. The number so obtained is 10 less than the original number. What was the original number?  
(a) 1000 (b) 2000 (c) 3000 (d) 4000
8.  $50\%$  of 750 -  $25\%$  of 480 = ?  
(a) 225 (b) 216.20 (c) 325 (d) 200.52
9. What percent of 5.4 kg is 18 gms?  
(a) 0.33% (b) 0.5% (c) 0.75% (d) 1%
10. If A's height is 30% less than that of B, how much percent B's height is more than that of A?  
(a) 42.85% (b) 36.75% (c) 57.87% (d) 60.66%
11.  $40\%$  of 75 +  $80\%$  of 25 = M% of 250 Find the value of M.  
(a) 10 (b) 20 (c) 30 (d) 35
12. If the price of rice rises from Rs6 per kg to Rs7.50 per kg, a person, to have no increase in his expenditure on rice, will have to reduce his consumption of rice by  
(a) 25 (b) 20 (c) 35 (d) 30
13. If  $15\%$  of  $m = 20\%$  of  $n$ , then  $m : n$  is  
(a) 4:3 (b) 5:4 (c) 4:5 (d) 3:4
14. The ratio 5: 4 expressed as a percent equals:  
(a) 14.5% (b) 50% (c) 80% (d) 125%

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15. 270 candidates appeared for an examination, of which 252 passed. The pass percentage is:

- (a)  $(91 + \frac{1}{3})\%$  (b)  $(93 + \frac{1}{3})\%$  (c)  $(97 + \frac{1}{3})\%$  (d)  $(98 + \frac{1}{3})\%$

16. What will come in place of the question mark (?) in the following question?

$$56\% \text{ of } 870 + 82\% \text{ of } 180 = 32\% \text{ of } 90 + ?$$

- (a) 777 (b) 666 (c) 606 (d) 789

17. In a History examination, the average for the entire class was 80 marks. If 10% of the students scored 35 marks and 20% scored 90 marks, what was the average marks of the remaining students of the class?

- (a) 20 (b) 40 (c) 75 (d) 80

18. If the numerator of a fraction is increased by 150% and the denominator of the fraction is increased by 350%, the resultant fraction is  $\frac{25}{51}$ . What is the original

- (a)  $\frac{31}{20}$  (b)  $\frac{15}{17}$  (c)  $\frac{14}{20}$  (d)  $\frac{11}{17}$

19. What will the value of x in the following question?  $52.5\% \text{ of } 800 + 30.5\% \text{ of } 2800 = x + 87.3$

- (a) 1096.30 (b) 1226.70 (c) 1124.20 (d) 1186.70

20. If p is 40% of q, then what percent of 2p is q?

- (a) 40% (b) 30% (c) 20% (d) 10

1. b 2. a 3. b 4. a 5. d 6. b 7. a 8. b 9. a 10. a 11. b 12. b 13. a 14. d 15. b 16. c 17. c 18. b 19. d 20. d

