**Percentages**

1.Sam’s salary was decreased by 50% and subsequently increased by 50%. How much percent does he lose?

a. 75 b. 80 c. 85 d. 90

2. The salary of a person was reduced by 10%. By what percent should his reduced salary be raised so as to bring it at par with his original salary?

11 1/9% b. 12 1/9% c. 13 1/9% d. none

3. When the price of a product was decreased by 10%, the number sold increased by 30%. What was the effect on the total revenue?

a. 18% b. 19% c. 20% d. 21%

a. Increase by 17% b. Decrease by 17% c. Increase by 20% d. Decrease by 20%

4. If the numerator of a fraction be increased by 15% and its denominator be diminished by 8 %, the value of a fraction is 15/16. Find the original fraction?

a. 4/3 b. 3/4 c. 4/5 d. 5/6

5. In the new budget , the price of oil rose by 25%. By how much percent must a person reduce his consumption so that his expenditure on it does not increase?

a. 15% b. 20% c. 25% d. 30%

6. The population of a town is 1,76,400. If it increases at the rate of 5% per annum, what will be its population 2 years hence? What was it 2 years ago?

a. 194481, 160000 b. 200000, 180000 c. 250000, 185000

7. If A earns 331/3% more than B, how much percent does B earn less than A?

a. 25% b. 30% c. 35% d. 40%

8. Due to reduction of 6 ¼ % in the price of sugar, a man is able to buy 1 kg more for Rs. 120. Find the original and reduced rate of sugar?

a. 7, 6.5 b. 8,7.5 c. 9, 8.5 d. 10, 9.5

9. What percent is 2 minutes 24 seconds of an hour?

a. 6% b. 2% c. 4% d. 8%

10. Adding  20%  of  x  to  x  is  equivalent  to  multiplying  x  by  which  of  the  following? (Yash Technologies)

a. 12.5 b. 1.05 c. 1.15 d. 1.20

11. Three  times  a number  is 20%  more  than  twice  another  number   when  increased  by  105.  If  twice the first  number increased  by 36  is 20%  less  than  three  times  of  the  second  number,  then  what  is  the  first  number? (Swift Infotech 2017)

a. 150 b.162 c. 180 d.None of  these

12. Three  times  a number  is 20%  more  than  twice  another  number   when  increased  by  105.  If  twice the first  number increased  by 36  is 20%  less  than  three  times  of  the  second  number,  then  what  is  the  first  number?

a. 150 b.162 c. 180 d.None of  these

13. There  are  three  positive  intigers  such  that  70%  of the  first  number ,  58 1/3% of  second  number  and  38 8/9%  of  the  third  number  are  all  equal.  Which  of  the  following  can  those  three  numbers  be? (Convergys)

a. 5,6,9 b.10,12,18 c.15,18,27 d. All  the  three

14. Two  third  of  three fifth   of  five  sixth  of  a  number  is  what  percentage  of  that  number?

a. 66 2/3 % b. 33 1/3 % c. 60% d. 40%

15.  Due  to fall  in manpower , the production  in a factory  decreases  by  40%, By  what  percentage   should  the  working  hours  be  increased  to  restore  the  original  level  of  production?

a. 662/3 % b. 46 1/3% c. 25% d. 40% (Huawei Technologies)