

**Answer The Following**

- 1) Find the value of :  
A) 30 % of 30  
B) 75 % of 360  
C) 50 % of 20  
D) 40 % of 32
- 2) If water expands by 9% of its volume as it freezes. How much water is required to obtain  $174.4 \text{ cm}^3$  of ice?
- 3) Linda obtained 60% score in an exam with 300 marks. If Michelle gets 454 marks in same exam, find the percentage obtained by Michelle.
- 4) If price of cooking gas increases by 20%, by what percent should a family decrease its consumption of cooking gas so that their expenditure on cooking gas remains same as earlier?
- 5) Convert the following percent into fractions in the simplest form:  
A) 32 %  
B) 56 %

**Fill in the blanks**

- 6) Kenneth got 19 out of 20 in his Science test. His percentage is \_\_\_\_\_ %.
- 7) An electronics bought an old TV for \$500. He then spent \$63 for fixing it, and then sold it for \$1105.50. He gained \_\_\_\_\_ % in total.

**Choose correct answer(s) from given choice**

- 8) If  $x$  is 25% less than  $y$ , then  $y$  is more than  $x$  by what percentage?  
a.  $33\frac{1}{3}$  %  
b. 12.5 %  
c. 25 %  
d. 20 %
- 9)  $(1\% \text{ of } 60) - (60\% \text{ of } 1) =$   
a. 2  
b. 0  
c. 1  
d. -2
- 10) A shopkeeper mixes two varieties of rice in ratio 3:2. The first variety costs 55 per kg while other costs 63 per kg. If the mixed rice is sold at price of 49.5 per kg. Find the profit/loss incurred by shopkeeper.