

**Answer The Following**

- 1) Which number in the following pairs is smaller:  
 A) 1, -24                      B) 26, -21                      C) -2, -22
- 2) A retail company makes a profit of Rs. 1791 on per ticket of business class while loses Rs. 159 on every ticket of economy class. If the company sold 30000 tickets of economy class, how many tickets should it sell for business class to break even?
- 3) Find the sum of the following integers  
 A) -36304 and -75002 = ?    B) -3593 and 7899 = ?    C) 55554 and 37254 = ?
- 4) Find the successor of each of the following integers  
 A) -77 = \_\_\_\_\_            B) -28 = \_\_\_\_\_            C) -91 = \_\_\_\_\_
- 5) Which number in the following pairs is bigger: -17, -28

**Fill in the blanks**

- 6) Which number in the following pairs is bigger  
 A) -17, -23 =                   B) -7, -25 =                   C) 23, 2 =
- 7) Find how many integers are there between  
 A) -2 and -4 =                   B) -4 and 1 =                   C) -2 and 3 =                   D) -3 and 2 =
- 8) Find the sum of the following integers  
 A) -18242 and -21254 =                               B) -27462 and -39131 =                               C) -22470 and -1316 =

**Check True/False**

- 9)  $|a + b| = |a| + |b|$  where a and b are integers and  $a > b$   
 True     False
- 10) Every negative number is less than every rational number  
 True     False