MEASUREMENT OF CAPACITY

 The two main units for the measurement of capacity are **liter** and **milliliter**. In short **liter** is written as '**l**' and **milliliter** as '**ml**'.

1 litre = 1000 milliliters (1 l = 1000 ml)

So,               500 ml = 1/2 of a litre

                    250 ml = 1/4 of a litre

                    200 ml = 1/5 of a litre

                    100 ml = 1/10 of a litre

**1.**Express the following in '**ml**'

(i) 19 l

(ii) 21 l 75 ml

(iii) 28 l 350 ml

**Solution:

1 l = 1000 ml**

**(i)** 19 l

= 19 x 1000

19000 ml

=**(ii)** 21 l 75 ml

= 21 x 1000 + 75

= 21000 + 75

= 21075 ml

**(iii)** 28 l 350 ml

= (28 x 1000) ml + 350 ml

= 28000 + 350

 = 28350 ml

**2.**Convert the following into**litres** and**millilitres**.

(i) 75000 ml

(ii) 9485 ml

(iii) 23456 ml

**Solution:

1000 ml = 1 l**

**(i)** 75000 ml

= 75000 ml ÷ 1000

= 75 l

**(ii)** 9485 ml

= 9485 ml ÷ 1000

= 9 l 485 ml

**(iii)** 23456 ml

= 23456 ml ÷ 1000

= 23 l 456 ml