A. Objective Questions

4

1. Write *true* or *false* for each statement :

  (a) S.I. unit of temperature is fahrenheit. F *false*

  (b) Every measurement involves two things – a number and a unit. T *true*

  (c) Mass is the measure of quantity of matter. *True*

  (d) The S.I. unit of time is hour. F *false*

  (e) The area can be expressed as the product of lengths of two sides. *True*

      Ans: True : (b), (c), (e)   False : (a), (d)

2. Fill in the blanks :

  (a) The S.I. unit of length is .....metre....., of time is .....second....., of mass is .....kilogram.....

  (b) °C is the unit of .....temperature.....

  (c) 1 metric tonne = ...1000..... kg.

  (d) The zero mark in Celsius thermometer is the melting point of .....ice.....

  (e) The thermometer used to measure the human body temperature is called the .....clinical..... thermometer.

  (f) The normal temperature of human body is .....37..... °C or .....98.6..... °F.

  (g) The .....mass..... of an object is measured with the help of a beam balance.
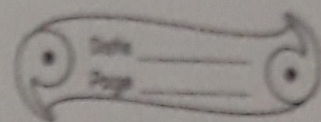
B.

1.

2.

3.

4.

Homework

1. (a) False
   (b) True
   (c) True
   (d) False
   (e) True

2. (a) metre, second, kilogram
   (b) temperature
   (c) 1,000 ~~×~~.
   (d) ice
   (e) clinical
   (f) 37, 98.6
   (g) mass

Q - Define mass.

Ans - The mass of a body is the quantity of matter contained in it.

Q - Convert 80 gm to kg.

Ans - ~~80 gm 80/80,000 kg.~~
80 gm = 80/1000 kg

Q- explain the relationship
between gram, kilogram
and pound.

Ans- $1 g = \frac{1}{1000} kg = 10^{-3} kg$

$1 lb = 453.59 g$

Q- What are standard
weights? Give some
examples.

Ans- They are weights used
for measuring things
in a balance. They are
put in the right side
and things to be
measured are put in
the left. Ex- 20 kg,
10 kg standard weigh