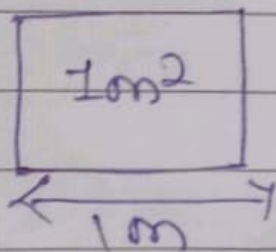**Q2 Define surface area.**

A2 The surface area of a solid object is a measure of the total area that the surface of the object occupies.

Q3 Explain the units of area.

A3 The S.I unit of area is square metre (m^2). 1 square meter is equal to the area of a square of each side of 1 metre.

$$1 m^2$$

$\leftarrow 1m \rightarrow y$

Exercises

(A) Objective Questions.

(3) Match the following columns:

a) Length of a housing plot   i) Clock

b) Breadth of a book   ii) Beam balance

c) mass of an apple   iii) Thermometer

d) Period of time for study   iv) measuring tape

e) Temperature of a body   v) Graph paper

f) Surface area of a leaf   vi) Metre ruler

Ans-> a-iv
b-vi
c-ii
d-i
e-iii
f-v

(4) Select the correct alternative :

a) The symbol of degree celcius is:
As. ii) °C

b) 10 mm is equal to:
As ii) 1 cm

c) The amount of surface occupied by object is called it's:
As ii) area

d) A metre ruler is graduated in:
As iii) mm

e) A thermometer is graduated in:
As iii) °C