

BCM SCHOOL BASANT AVENUE, DUGRI

CLASS -VI

SUBJECT –MATHEMATICS (041)

NOVEMBER-ASSIGNMENT (2023-2024)

Chapter -10(Mensuration)

1. Find the area of square whose perimeter is 84 cm.
a) 441 cm^2 b) 400 cm^2 c) 484 cm^2 d) 361 cm^2
2. Find the perimeter of a regular hexagon having each side equal to 6.5 cm.
a) 26 cm. b) 39 cm. c) 32.5 cm. d) 19.5 cm.

3. Assertion (A) – Perimeter of an equilateral triangle = $2 \times$ Length of a side

Reason (R) – Perimeter is the distance covered along the boundary forming a closed figure when you go round the figure once.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

CASE STUDY QUESTION:

A farmer is having land in the shape of rectangle of length 30 m and breadth 20 m . He dug four square flower beds at each corner of side 5 m in his rectangular piece of land. Read the passage and answer the following questions:

- a) What is the area of the land?
- b) What is the area of four square flower beds?
- c) What is the area of remaining part of land?

SUBJECTIVE QUESTION:

1. Find the perimeter of a rectangle whose area is 600 cm^2 and breadth is 25 cm.
2. A carpet is 30 m 75 cm long and 80 cm wide. Find its cost at ₹10 per square metre .
3. The cost of fencing a square field at ₹125 per metre is ₹8000. Find the length of each side of the field.