ASSIGNMENT NO. 15

CHAPTER- VISUALISING SOLID SHAPES

CLASS- VII SUBJECT- MATHS

Q1. Name any three objects which resemble a sphere and cone.

Q2. Draw the sketches of two figures that have no vertex.

Q3. Write down the number of edges on each of the following solid figures:

(i) Cube

(ii) Tetrahedron

(iii) Sphere

(iv) Triangular prism

Q4. Fill in the blanks:-

1. Plane figure is also called\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. A solid shape that has only a curved surface is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a solid who bases are identical polygon faces and other faces are rectangles.
4. A triangular pyramid in which all faces are equal is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of a solid figure demonstrates how it is constructed by showing its sides, faces and vertices.
6. To make a solid from a sheet of flat paper, we need to construct a \_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. A line where two faces of a solid meet is called its \_\_\_\_\_\_\_\_\_\_\_

Q5. True / false:-

a) A pyramid has only one vertex

b) If the base of a pyramid is a square, it is called a square pyramid.

c) The solid shapes are of two-dimensional.

d) A net is a skeleton-outline of a solid that can be folded to make it.

e) All the faces, except the base of a square pyramid are triangular.

Q6. Name the different plane shape needed to draw the net of

a) a cube

b) a triangular prism

c) a triangular pyramid

d) a cylinder