Visualising Solid Shapes: Worksheet -3

1. Which of the following is a three dimensional figure ?   [   ]

     (i) Square   (ii) Trapezium   (iii) Cube   (iv)Parallelogram

2. Find the number of edges of a polyhedron having 20 faces & 12

    vertices ?   [   ]

     (i) 10   (ii) 20   (iii) 25   (iv) 30

3. Find the number of faces of a polyhedron having 6 vertices & 12

    edges ?   [   ]

     (i) 8   (ii) 10   (iii) 12   (iv) 14

4. Find the number of vertices of a polyhedron having 5 faces & 9

    edges ?   [   ]

     (i)18   (ii) 12   (iii) 6   (iv) 4

5. What the name of the polyhedron is whose base & top are congruent

    polygons & whose lateral faces are parallelograms in shape ? [   ]

     (i) Tetrahedron (ii) Trapezium   (iii) Prism   (iv) Parallelogram

6. How many faces a tetrahedron has ?   [   ]

     (i) 14   (ii) 12   (iii) 6   (iv) 4