c) In third angle projection method, what are the relative positions of the object, plane and observer?
   (i) Object is placed in between
   (ii) Plane is placed in between
   (iii) Observer is placed in between
   (iv) May be placed in any order

d) Top view is projected on the
   (i) vertical plane
   (ii) corner plane
   (iii) side plane
   (iv) horizontal plane

e) Section lines are generally inclined with the base at an angle of
   (i) 30°
   (ii) 45°
   (iii) 60°
   (iv) 90°

f) If a plane is parallel to the plane of projection, it appears
   (i) true size
   (ii) as a line or edge
   (iii) foreshortened
   (iv) as an oblique surface
2. A ball thrown in air attains 100 m height and covers a horizontal distance of 150 m on ground. Draw the path of the ball (projectile).

3. Line $AB$, 100 mm long, is $30^\circ$ and $45^\circ$ inclined to HP and VP respectively. End $A$ is 10 mm above HP and its VT is 20 mm below HP. Draw projections of the line and its HT.

4. A circle of 50 mm diameter is resting on HP on end $A$ of its diameter $AC$ which is $30^\circ$ inclined to HP while it makes $45^\circ$ inclined to VP. Draw its projections.

5. A cube of 50 mm long edges is so placed on HP on one corner that a body diagonal is parallel to HP and perpendicular to VP. Draw its projections.

6. A cone, 50 mm base diameter and 70 mm axis, is standing on its base on HP. It is cut by a section plane $45^\circ$ inclined to HP through base end of end generator. Draw projections, sectional views and true shape of the section.

7. A hexagonal prism, 30 mm base side and 55 mm axis, is lying on HP on its rectangular face with axis being parallel to VP. It is cut by a section plane normal to HP and $30^\circ$ inclined to VP bisecting axis. Draw projections and development of surfaces of the remaining solid.
8. A square pyramid of 40 mm base sides and 60 mm axis is cut by an inclined section plane (at 45° with respect to the base) through the midpoint of the axis. Draw isometric view of the section of the pyramid.

9. Pictorial presentation of an object is given below:

Draw three views of this object by first angle projection method.