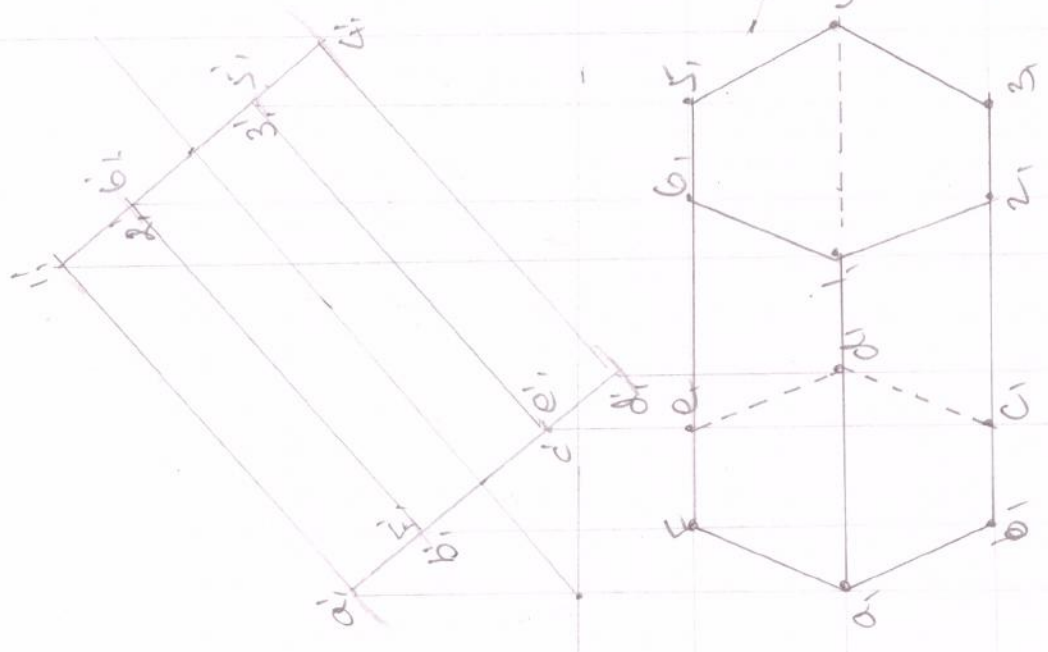
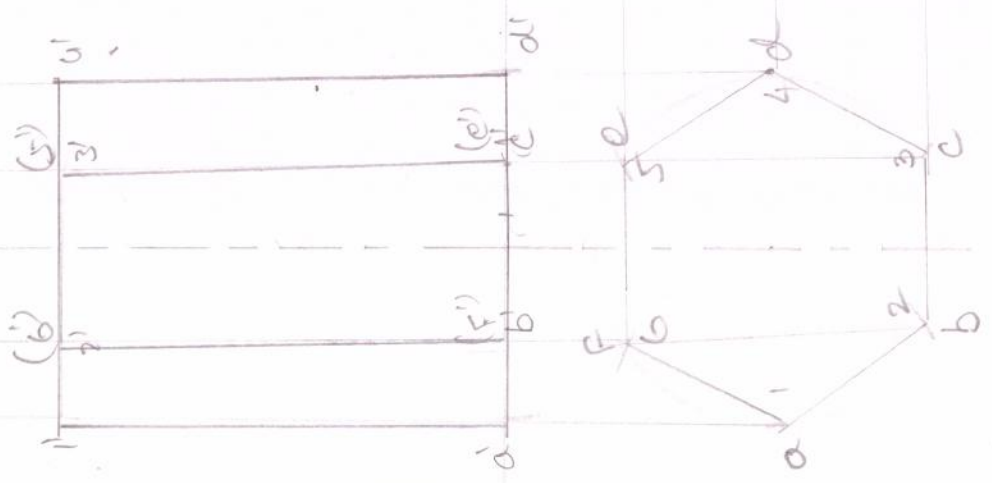


## Unit-III

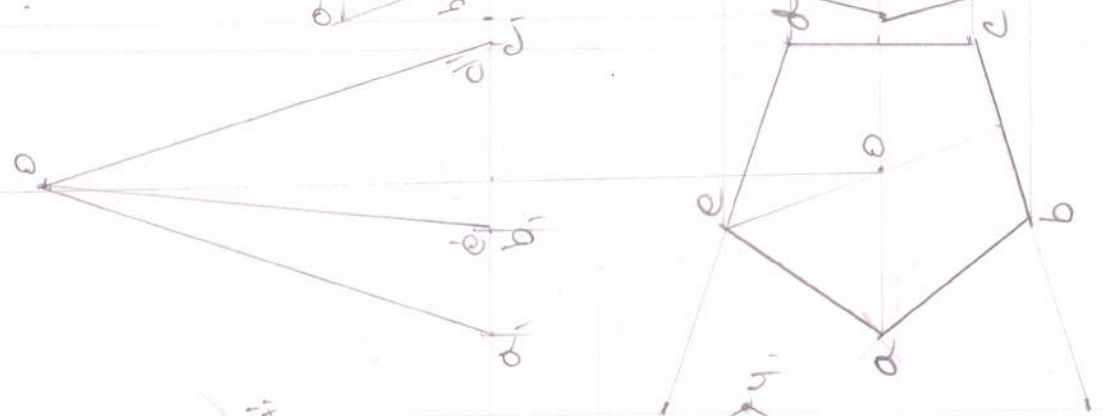
### Projection of Solids.

1. Draw the Projections of Pentagonal Prism of 30mm Side of base and 65mm long on one of its longer edges on the HP, with one rectangular face perpendicular to the HP and the axis makes  $60^\circ$  with VP (June 2011)
- 2) Draw the Projection of a Cone of base 30mm dia and axis 50mm long resting on HP on a point of its base circle with the axis making an angle of  $45^\circ$  with HP and parallel to VP. (June 2011)
- 3) A hexagonal Prism of side of base 25mm and axis is 60mm rests on ~~the~~ a corner of the base in HP, with the axis of the Prism inclined at  $40^\circ$  to HP and parallel to VP. Draw its Projections. (Dec 2011)
4. A Pentagonal Pyramid of base edge 25mm and axis length 60mm rests on ~~the~~ one base side on the HP. such that the highest base corner is 20mm above HP, its axis is parallel to VP. Draw its Top & Front views (Dec 2011)
- 5 Draw the Projection of a Cube of edge 45mm resting on ~~the~~ one of its corners on HP with a solid diagonal perpendicular to HP (June 2012)
6. A Square Pyramid of base 40mm and axis 70mm long has one of its triangular face on VP and the edge ~~corner~~ of base contained by that face perpendicular to HP. Draw its Projection. (June 2012)

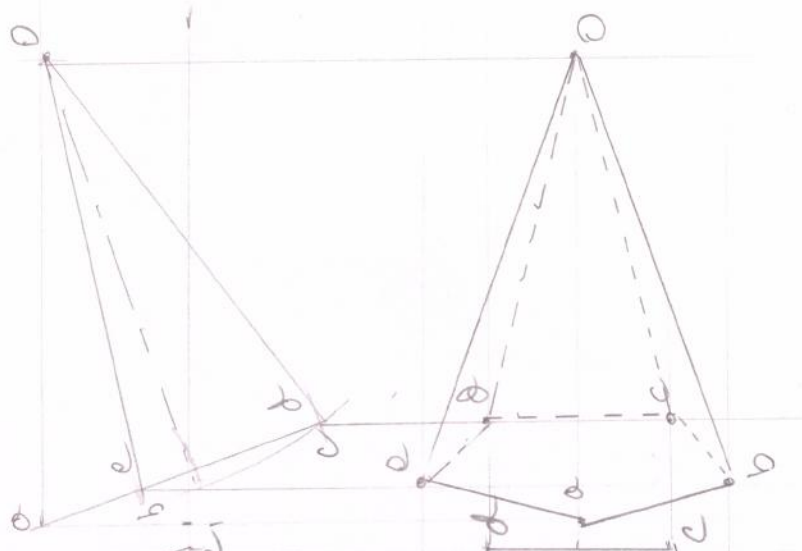
(3) Dec 2011



(4) Dec 2011



(23) T.S. 11/12/2011



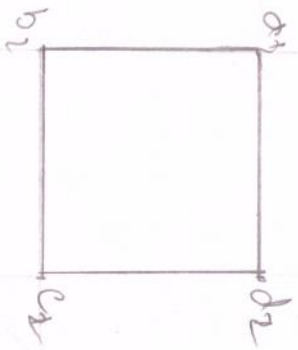
(7)

26  
Dec 2014



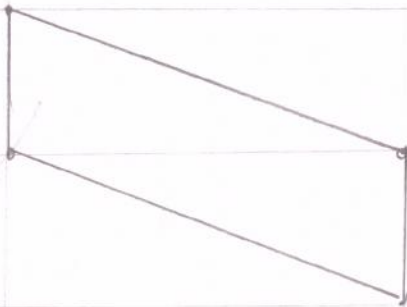
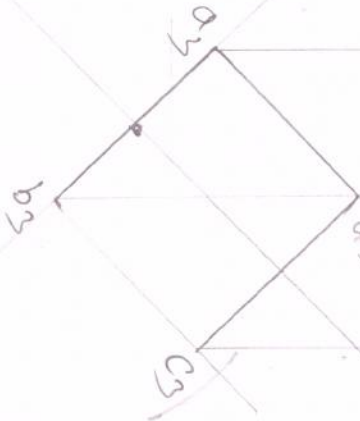
$a_1, b_1$

$c_1, d_1$

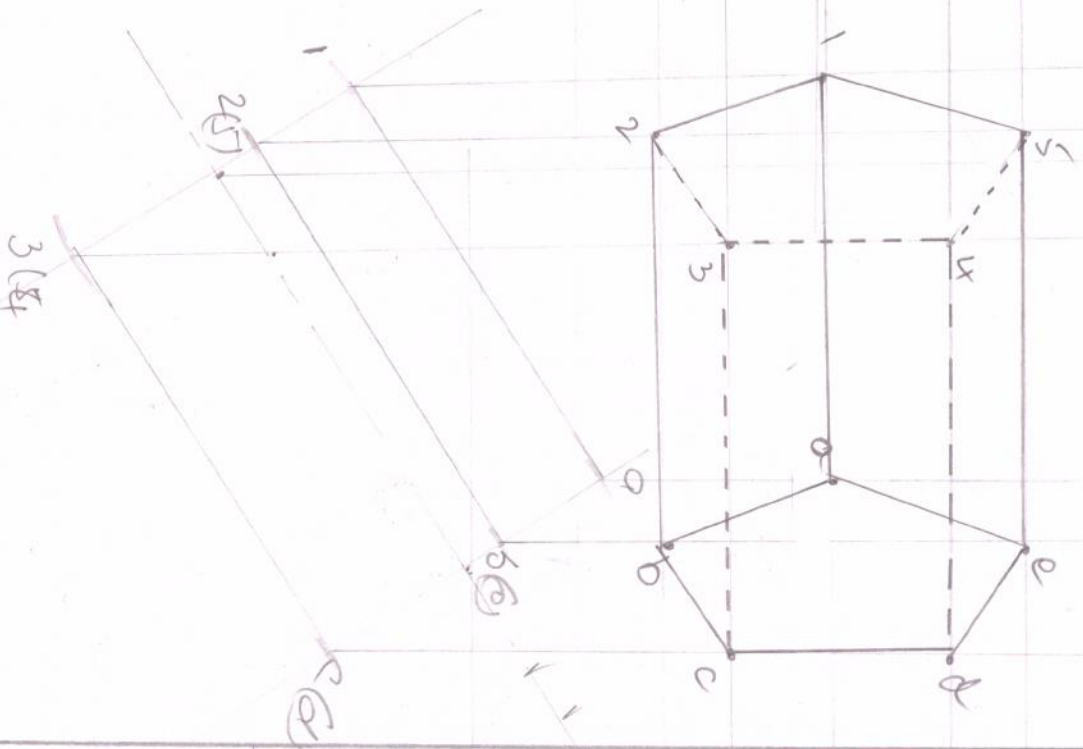
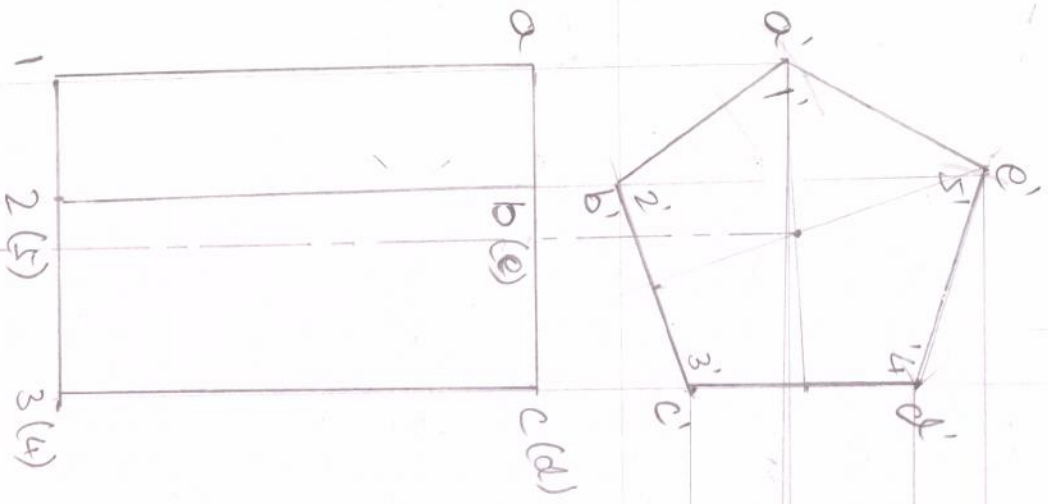


$a_2, b_2$

$c_2, d_2$



①  
June 2011  
30



②  
June 2011  
30

