

Indian Institute of Space Science & Technology  
**End Semester Examination**  
**B.Tech. Second Semester June 2022**  
**Engineering Graphics (AE-141) – PB2**  
**AutoCAD**

Time: 1 hour

Max. Marks: 50

1. A hexagonal pyramid 30 mm base edge and 75 mm height is resting on HP on its corner with two of its faces equally inclined to HP. Draw the projections when the axis is inclined  $40^\circ$  to HP and  $20^\circ$  to VP.

**25 Marks**

2. Draw the front, top and right side view of the figure given below. 'X' shows the direction of front view.

**25 Marks**

