NOTE: The letters X and Y in each value should be replaced by the last 2 digits of your roll number. (Eg: 2019A1PS0052U – 10Y mm should be 102 mm and 1Xmm should be 15mm)  
  
1. A hexagonal pyramid, base 100 mm side and axis 150 mm long, rests on its base on ground with one of its base edges perpendicular to VP. It is cut by an AVP, inclined 30 deg to VP and passing through a point at a TV distance of 25 mm from apex, on the closest slant edge. Draw the sectional view. (3rd quadrant)  
  
2. A cone with base of radius 110 mm side and axis 160 mm long, has its base on the ground with axis perpendicular to ground. A section plane cuts it at a distance of 50 mm from the apex making an angle of 30 degrees with HP and perpendicular to VP. Draw its front view and the sectional top view. (3rd quadrant)