



Q 7	A Rectangle of 30 mm and 50 mm sides is resting on HP on one of its minor side, its surface is perpendicular to VP and makes 45° inclination with HP. Draw its projections.	10	CO2
Q 8	A hexagonal prism has one of its rectangular faces parallel to the HP. Its axis is perpendicular to the VP. Draw its projections. Side of base 2.5 cm long; axis 5 cm long.	10	CO3
Q 9	FV of line RS is 50° inclined to xy and measures 55 mm while it's TV is 60° inclined to xy line. If end R is 10 mm above HP and 15 mm in front of VP, draw it's projections and find its TL and inclination with HP & VP. (OR) Line AB 75 mm long makes 45° inclination with VP while it's FV makes 55°. End A is 10 mm above HP and 15 mm in front of VP. If the line is in 1st quadrant draw it's projections and find it's inclination with HP.	10	CO2
<b>SECTION-C</b> <b>(2Qx20M=40 Marks)</b>			
Q 10	A hexagonal pyramid, base side 30 mm and axis 50 mm long, has its base on the V.P. and an edge of the base is perpendicular to the H.P. Draw its isometric view and develop its surface.	20	CO3
Q 11	A cone, 50 mm base diameter and 70 mm axis is standing on it's base on HP. It cut by a section plane 45° inclined to HP through base end of end generator. Draw projections, sectional views and true shape of section. (OR) A pentagonal prism, 30 mm base side & 50 mm axis is standing on HP on it's base whose one side is perpendicular to VP. It is cut by a section plane 45° inclined to HP, through mid-point of axis. Draw FV, Sectional TV & Sectional SV. Also draw true shape of section.	20	CO3