

UICET, PU, CHANDIGARH
BE(CHEM.) 1ST SEMESTER
ENGINEERING GRAPHICS

Time: 1 hr

M.M. 14

NOTE: Attempt all questions. Draw margin and write name and roll number in title block only.

Q1. Rectangle 30mm and 50mm sides is resting on HP on one small side which is 30° inclined to VP, while the surface of the plane makes 45° inclination with HP. Draw it's projections. **(5 Marks) (CO2)**

Q2. Draw the projection of a cone 40 mm diameter and 50 mm axis which is resting on HP. **(4 Marks) (CO2)**

Q3. A hexagonal prism of side of base 30 mm and axis 60 mm long is resting on its base on HP. such that a rectangular face is parallel to V.P. It is cut by a section plane perpendicular to v.p and inclined at 30° to HP at the mid of its axis. Develop the surface of the cut prism. **(5 Marks) (CO3)**