

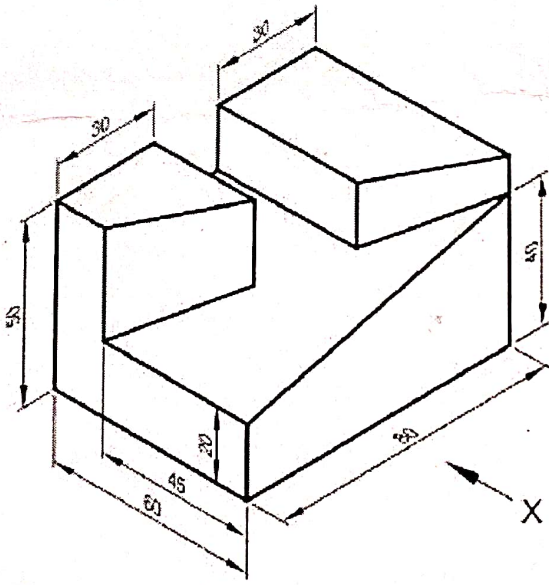
Maulana Azad National Institute of Technology, Bhopal
Department of Mechanical Engineering
Mid-Term Examination (November 2024)
B.Tech Ist Sem. Section-E Subject: Engineering Graphics (ME 24104)

SET-A

Max Marks- 20

Time – 60 minutes

Attempt any two questions

Question No.	Questions	Marks	C.O & B.T
1	A semi-circular plane of diameter 70 mm has its straight edge on the V.P. and inclined at 30° to the H.P. Draw the projection of the plane when its surface is inclined at 45° to the V.P.	10	C.O-2, B.T-4
2	A cone of base diameter 50 mm and axis 60 mm long is resting on its base on the H.P. It is cut by an A.I.P. bisecting the axis inclined at 45° to the H.P. Draw its sectional top view and true shape of the section.	10	C.O-3, B.T-3
3	<p>Pictorial view of an object is shown in figure below. Using first angle projection, draw its (i) front view, (ii) top view and (iii) side view.</p> 	10	C.O-2, B.T-5