

Attempt 2 only

J. C. Bose University of Science and Technology, YMCA Faridabad
B. Tech. (IT) – 2nd Sem June 2024(7/05/2024 – M)
ESCH-102A/21 (Engineering Graphics and Design)

Time – 1:30 hours

M.M. – 45

Attempt all Questions and Each Question carry 15 marks

Q.1- Line AB is 75mm long and it is 30° & 40° inclined to HP & VP respectively. End A is 12mm above HP and 10mm in front of VP. Draw projections. And find angle of TV & FV with XY line.

Q.2 - A regular pentagon of 30 mm sides is resting on HP on one of its sides with its surface 45° inclined to HP. Draw its projections when the side in HP makes 30° angle with VP.

Q.3 Draw the projections of a hexagonal prism of base side 20 mm and axis length 50 mm when it is lying on the ground on one of its rectangular faces and the axis is inclined at 35° to the VP.