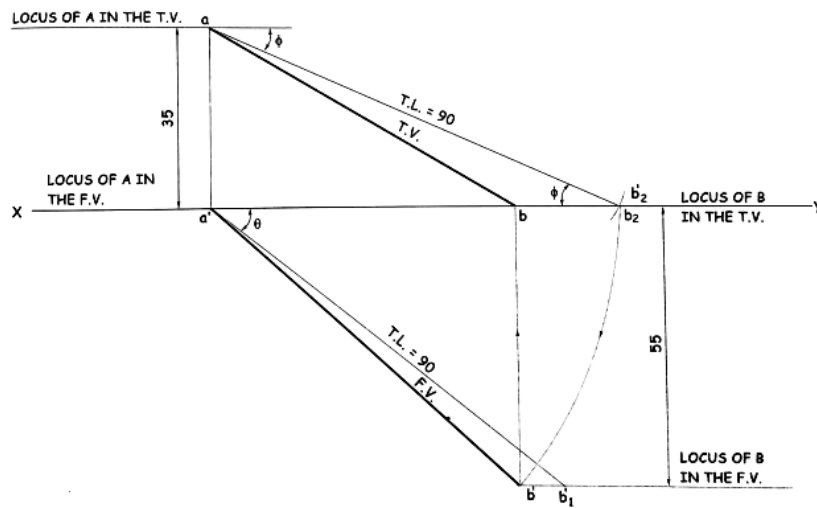
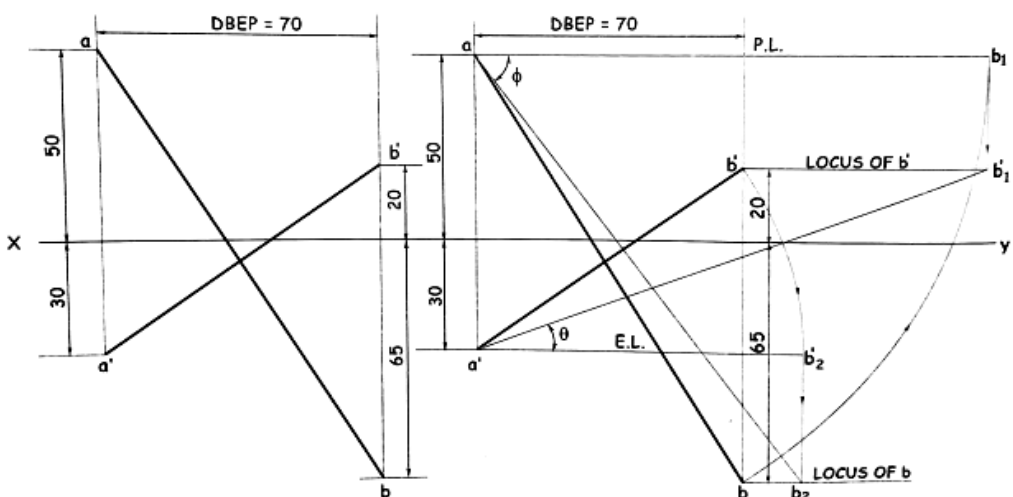


K. J. Somaiya College of Engineering, Mumbai-77

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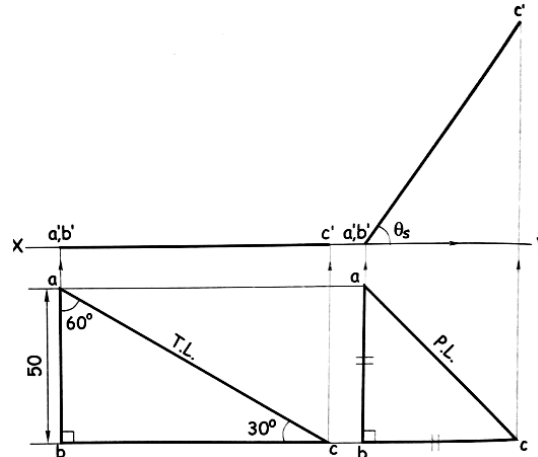
Semester: August – November 2020

In-Semester Examination**Class: FY B. Tech****Branch: Comp/IT****Full name of the course: Engineering Drawing (Solution)****Semester : I****Course Code: 111U06C105****Duration: 1hr.15 min (attempting questions) +15 min (uploading) Max. Marks: 30**

Q. No	Questions	Marks
Q1	<p data-bbox="284 661 1347 766">A line AB, 90 mm long has its end A in the HP and 35 mm behind VP and other end B in the VP and 55 mm below HP. Draw the projections of line and find its inclination with HP and VP.</p>  <p data-bbox="779 1291 844 1333" style="text-align: center;">OR</p> <p data-bbox="284 1333 1347 1480">Distance between end projectors of line AB are 70 mm apart and end A is 30 mm below HP and 50 mm behind VP and B is 20 mm above HP and 65 mm in front of VP. Draw the projections of line AB and determine its true length and true inclination with HP and VP.</p> 	10 marks

Q2

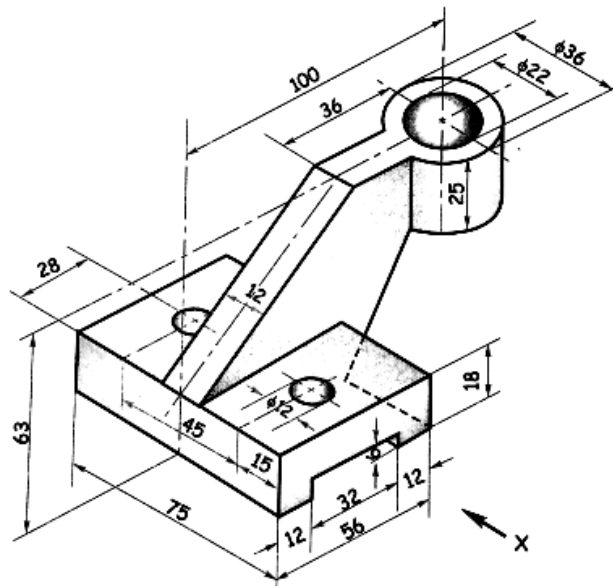
A $30^\circ - 60^\circ - 90^\circ$ set square has its shortest edge 50 mm long and is in the HP. The TV of the set square is an isosceles triangle. Draw the projections. Measure the inclination of plane with the HP.



08
marks

Q3

Figure shows pictorial view of an object. Draw F.V. and L.H.S.V. using first angle method of projection. Insert important dimensions.



12
marks
(5+5+2)

