PRN:		Course Code :	U01ES002

First Year **B. Tech** End Semester Examination Winter 2024

Engineering Graphics

000076

Day and Date: Wed = 4 DEC 2024

Time : 10:30AM To 12:30PM

Max Marks: **35**

Duration: **02** hrs

Instructions:

1. All questions are compulsory.
2. Assume suitable data wherever necessary and mention it clearly.

Q.1		**Attempt the following Question.**	**Marks**	**Bloom's Level**	**CO**
	a)	Draw the following views of the pictorial view as shown in Figure No 1 a) FV from "Arrow X " direction . b) TV &; c) LHSV	15	3	2

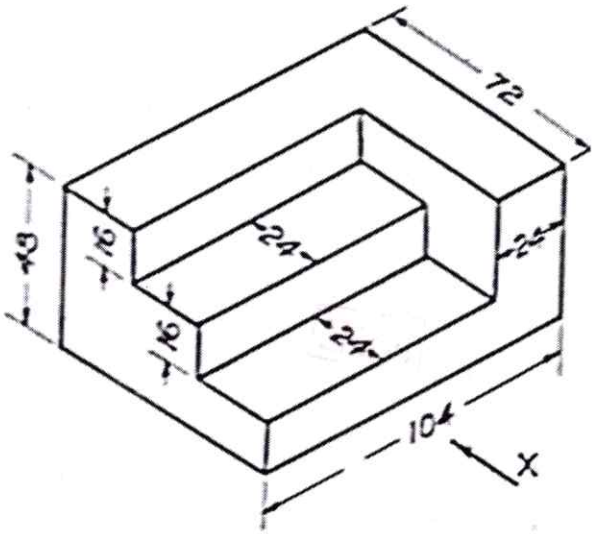


Figure No 1

Q.2		**Attempt any one from the following Question.**			
	a)	Draw the isometric view from the orthographic views as shown in Figure No 2 (FV and TV) using first angle method of projection.	10	2	3

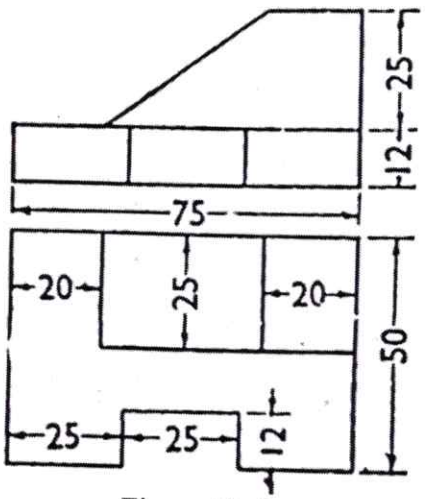
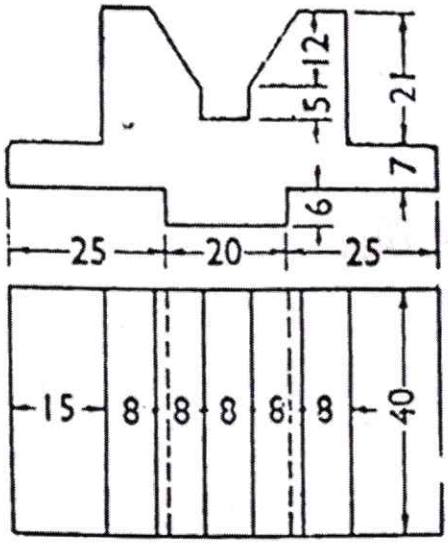


Figure No 2

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	b)	Draw the isometric view from the orthographic views as shown in Figure No 3 (FV and TV) using first angle method of projection.  Figure No 3	10	3	3
Q.3		**Attempt any one from the following Question.**			
	a)	A Pentagonal lamina having each side as 30 mm is resting in the HP on one of its corners. The plane makes an angle of 40^0 with the HP. Complete the projection of plane.	10	3	4
	b)	A square plane having each side as 40 mm side is resting in the HP on one of its edge of base on HP. Draw its projection if its surface is inclined at 50^0 to the HP	10	3	4

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