O.P.Code: 23ME0301c R23 **H.T.No.** 

## SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR (AUTONOMOUS)

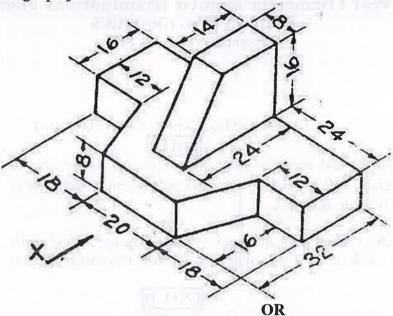
## B.Tech. I Year I Semester Regular Examinations February-2024 ENGINEERING GRAPHICS

(Common to EEE & CSIT)

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Time: 3 Hours		Max. Marks: 70		
	(Answer all Five Units 5 x 14 = 70 Marks)  UNIT-I	T. (	CO1	4.43.6
1	Construct an ellipse, with distance of the focus from the directrix as 50 mm and eccentricity as 2/3. Also draw normal and tangent to the curve at a point 40 mm from the directrix.  OR	L6	CO1	14M
2		L6	CO1	14M
3	<del></del>	L1	CO2	14M
4		L6	CO3	14M
5		L6	CO3	14M
6		L6	CO3	14M
7	A square pyramid of base 40 mm and axis 60 mm long, Its base lies on VP with its axis parallel to HP. A cut sectional plane, 60 <sup>0</sup> to VP and bisect the axis. Draw the projections sectional front view and true shape of the section.	L6	CO4	14M
8		L1	<b>CO4</b>	14M

UNIT-V

9 Draw three views of the blocks shown pictorially in figure according L6 C06 14M to first angle projection.



10 Draw three views of the blocks shown pictorially in figure L6 C06 14M according to first angle projection

