B.M.S. College of Engineering, Bengaluru-560019

Autonomous Institute Affiliated to VTU

February 2025 Semester End Main Examinations

Programme: B.E. **Semester: III**

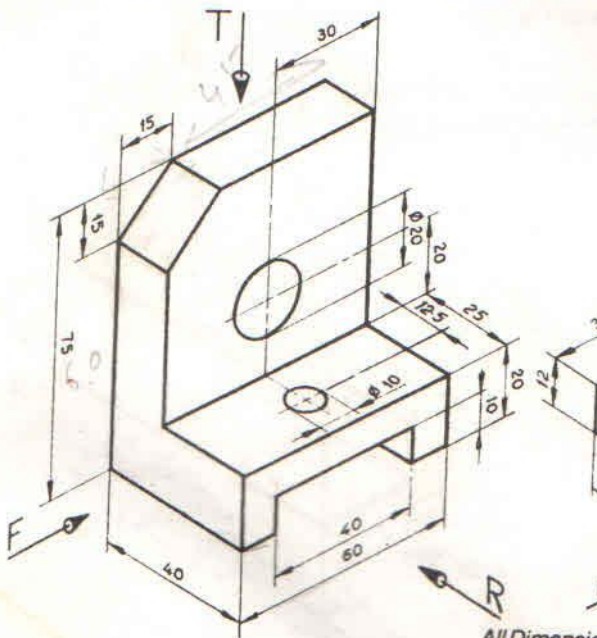**Branch: Industrial Engineering and Management** **Duration: 3 hrs.**

Course Code: 23IM3PCCMD **Max Marks: 100**

Course: Computer Aided Machine Drawing

Instructions: 1. Answer all questions.
2. Missing data, if any, may be suitably assumed.

Important Note: Completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages. Revealing of identification, appeal to evaluator will be treated as malpractice.

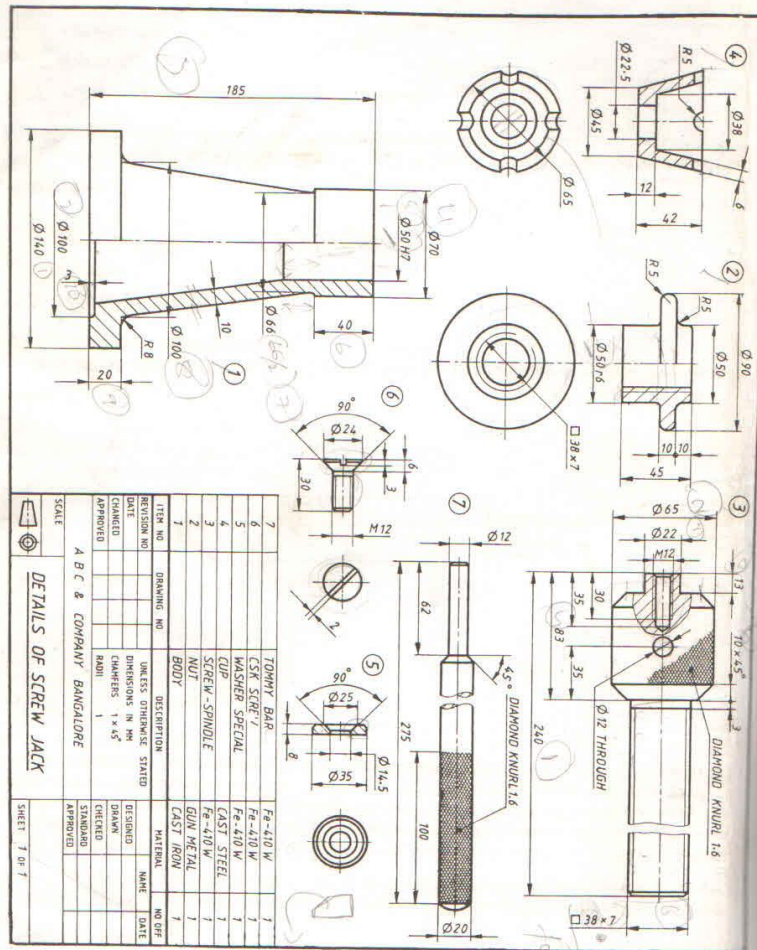|		PART-A	CO	PO	Marks
1)		Draw the views as shown with arrow mark. Fig.2.17	CO1	PO1	**20**
2		Draw the profiles of Threads by taking pitch as 30mm. i) Whitworth Thread ii) ISO Thread-Indian Standard ii) SellersThread iv)AcmeThread	CO2	PO2 PO3	**20**

PART-B

3		The details of a screw Jack are shown in fig below. Assemble the parts of the jack and draw the following views of the assembly when the top face of the load bearing cup is raised to a height of 350mm above the bearing surface of the body. 1. Front view in half section 2. Top View	CO3	PO2 PO5 PO9	60

DETAILS OF SCREW JACK

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