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

Autonomous Institute Affiliated to VTU

April 2024 Semester End Main Examinations

Programme: B.E.

Branch: Mechanical Engineering

Course Code: 23ME3PCCMD / 22ME3AECMD

Course: Computer Aided Machine Drawing

Semester: III

Duration: 3 hrs.

Max Marks: 100

Instructions: 1. Answer all questions.

2. Use first angle projection only.
3. Missing data if any may be suitably assumed.
4. All dimensions are in mm.
5. Important dimensions are to be shown in the assembly drawing.
6. A suitable scale, if necessary, may be taken.

	MODULE - I	<i>CO</i>	<i>PO</i>	Marks
1	A cube of 40 mm sides is cut by a section plane such that the true shape of section is an equilateral triangle. Draw the sectional view and true shape of section.	<i>CO1</i>	<i>PO2</i>	20
	MODULE - III			
2	<p>The details of Tail Stock are shown in Fig (1). Assemble all the parts and construct the following views to 1: 1 scale. Show the section plane in the Top view.</p> <p>(a) Front view with top half in section.</p> <p>(b) Top View.</p>	<i>CO2</i>	<i>PO2</i>	<p>60</p> <p>20</p>

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.

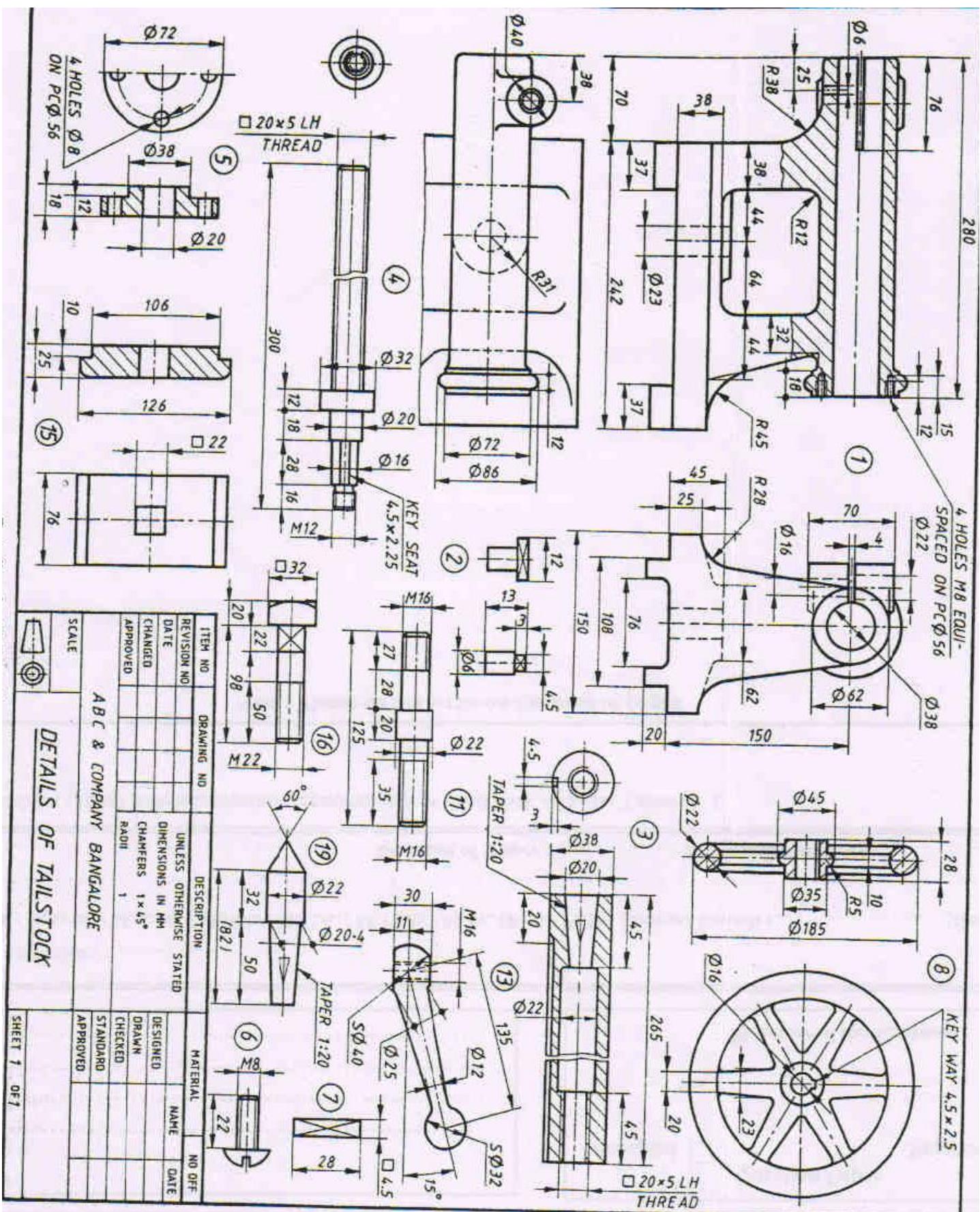


Fig (1). Details of Tail Stock

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