

MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

(A Unit of Rajalaxmi Education Trust®, Mangalore)

Autonomous Institute affiliated to VTU, Belagavi, Approved by AICTE, New Delhi

Accredited by NAAC with A+ Grade & ISO 9001:2015 Certified Institution

**Model Question Paper****Fifth Semester BE Degree Examination****Computer Aided Machine Drawing**

Time: 3 Hours

Max. Marks: 100

Note: 1. Answer TWO full questions, choosing ONE full question from each module.

2. M: Marks, L: RBT (Revised Bloom's Taxonomy) level, C: Course outcomes.

3. Use First angle projections only.

4. All the dimensions are in mm.

5. If any data is missing it may be suitably assumed and mentioned.

Module- 4				
Q1	Develop the sectional front view and side view of a Flanged Coupling - Protected type with diameter $d = 30$ mm.	40	L3	CO4
OR				
Q2	Develop the sectional front view and side view of a Knuckle Joint as shown in the fig.Q.(2).	40	L3	CO4
Module - 5				
Q3	Model and assemble the parts of a Screw Jack and show the following views using the details of Screw Jack shown in fig.Q.(3) i. Half sectional front view. ii. Top view	60	L3	CO5
OR				
Q4	Model and assemble the parts of a Simple Clutch and show the following views using the details of Simple Clutch shown in fig.Q.(4) i. Half sectional front view. ii. Top view	60	L3	CO5

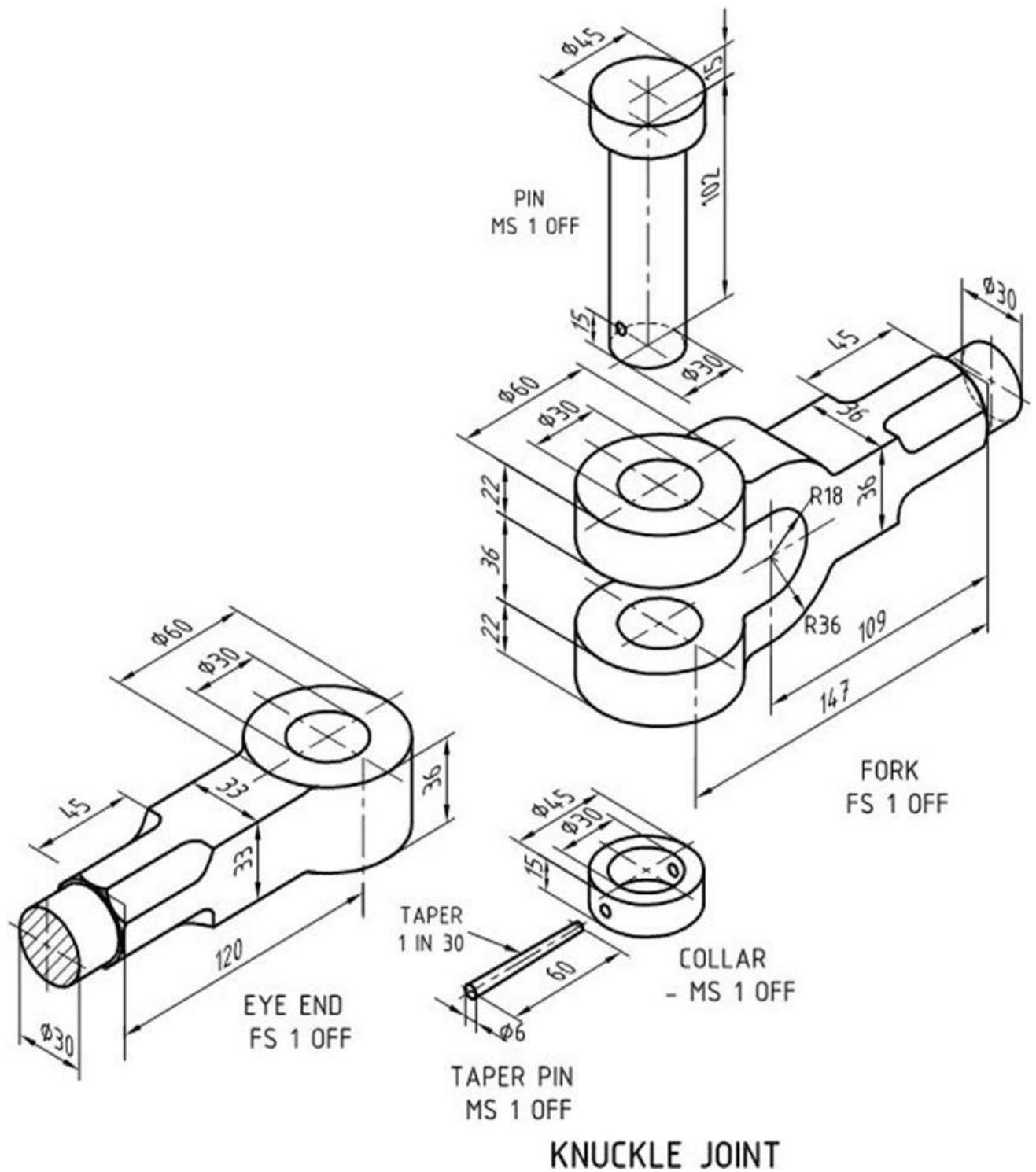
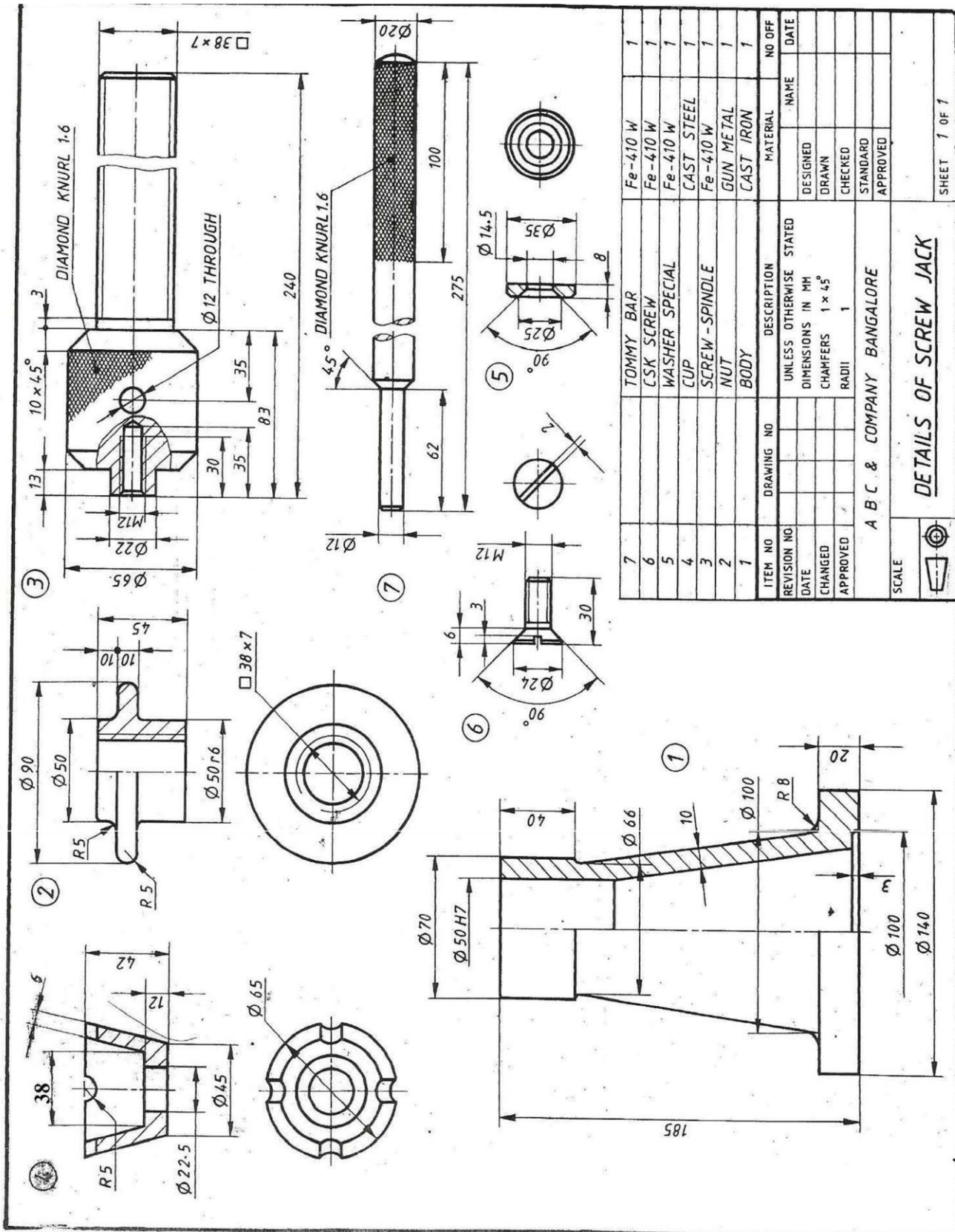


Fig.Q.(2): Details of Knuckle Joint



Details of a Screw Jack

Fig.Q.(3): Details of Screw Jack

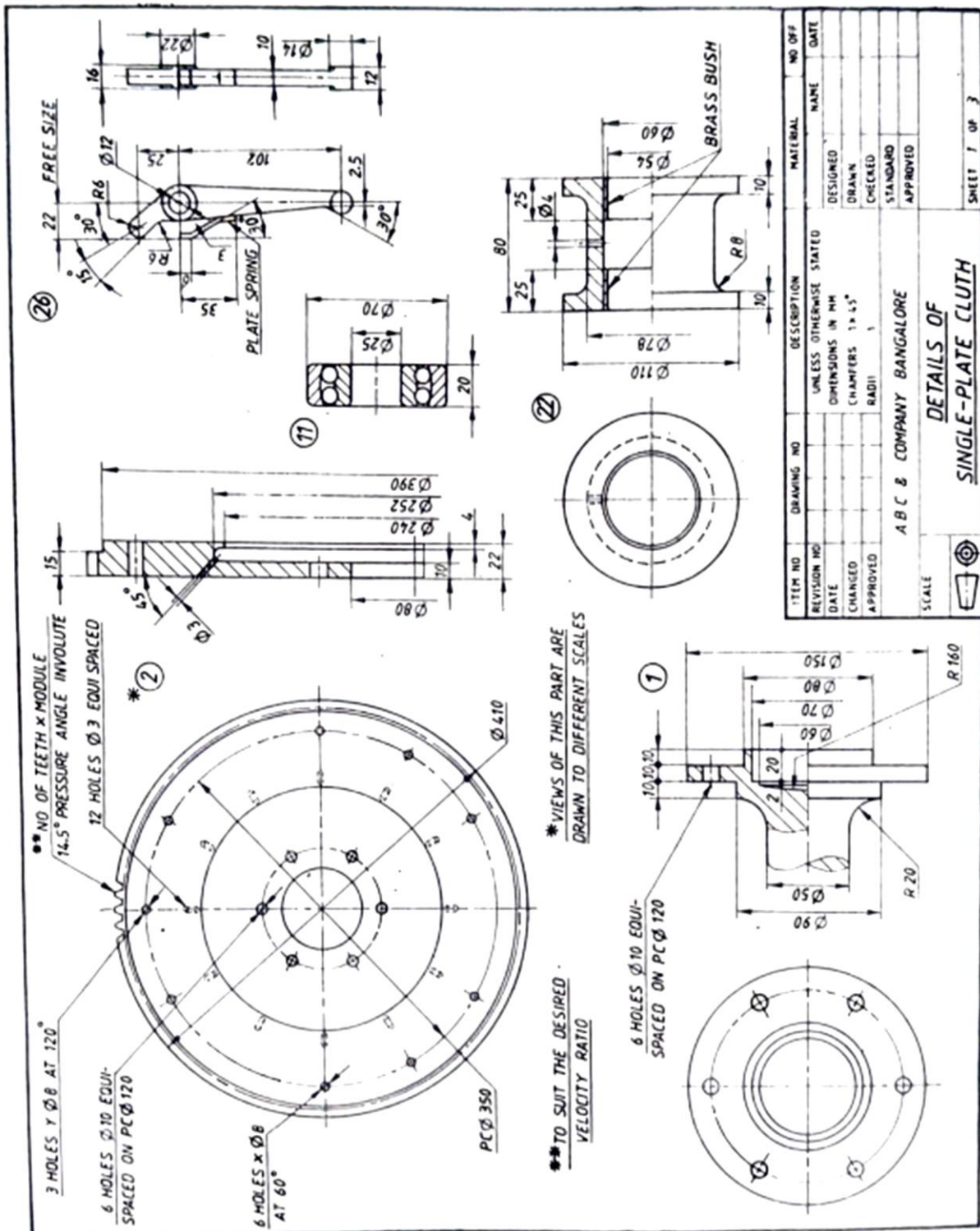


Fig.Q.(4): Details of Clutch
