

**PRAGATI ENGINEERING COLLEGE: SURAMPALEM
(AUTONOMOUS)**

II B.Tech II Semester Regular/Supplementary Examinations, May-2024

**MACHINE DRAWING
(ME)**

Time: 3 hours

Max. Marks: 70

Question Paper consists of **PART – A** and **PART – B**
Answer any **TWO** Question from **PART – A**
Answer the Question from **PART – B**

PART-A

[2x 14=28M]

Q. No.	Questions	BTL	CO	Marks
1	Draw the following (Assume Suitable Dimensions): (a) ACME Thread (b) Hexagonal headed bolt	K2	CO1	14M
2	Draw the sectional front view and top view of knuckle joint with sleeves to connect shafts of diameter 35 mm.	K2	CO1	14M
3	Draw the sectional front view and top view of the double riveted lap Joint. Take the thickness of the plate and diameter of the rivet as 22 mm and 28 mm respectively.	K2	CO1	14M

PART-B

[1X42=42M]

Q. No.	Questions	BTL	CO	Marks
4	The details of an Eccentric are shown in Figure. 1 Assemble the parts and draw (i) Half Sectional Front View and (ii) Side View.	K3	CO2	42M

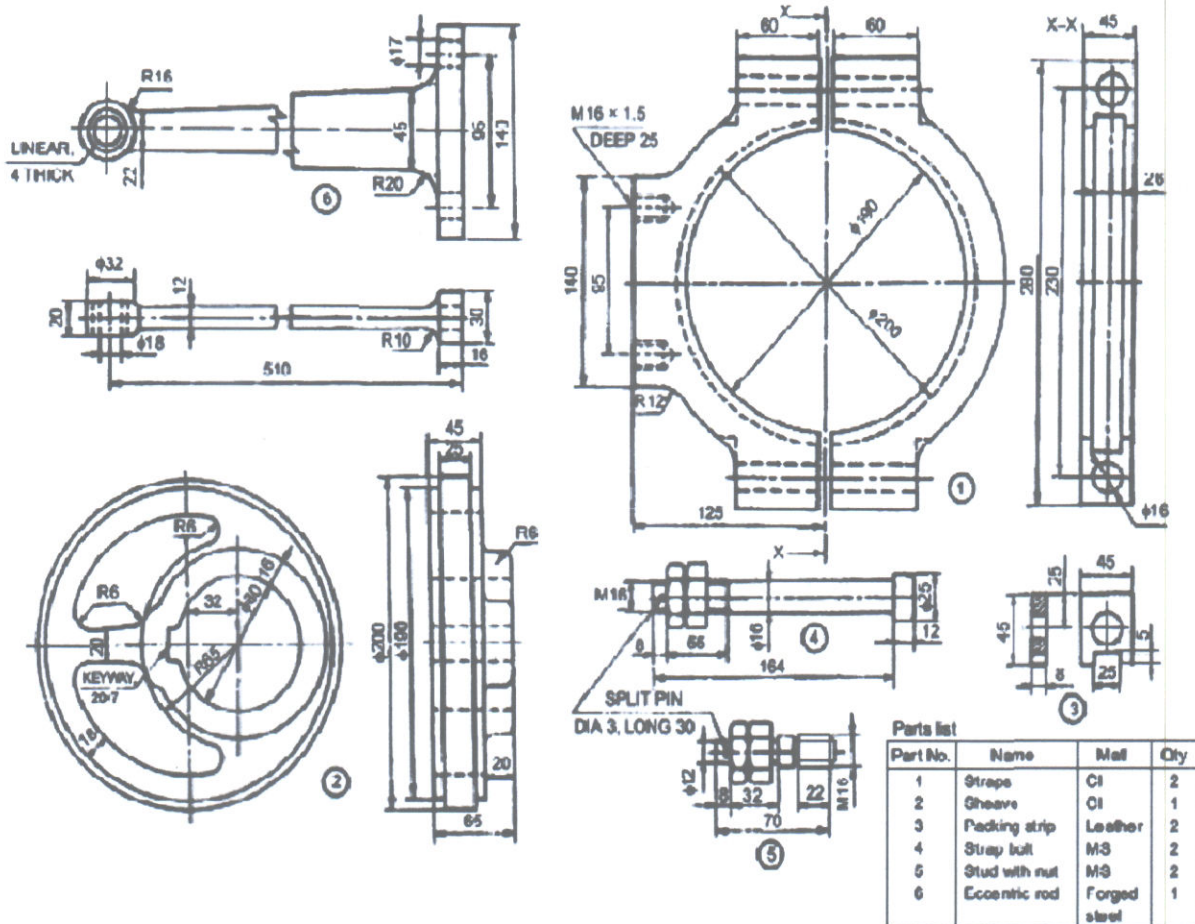


Figure -1