

Code No: RT22035

R13**SET - 1****II B. Tech II Semester Supplementary Examinations, November-2017****MACHINE DRAWING**

(Com. to ME, AME, MM)

Time: 3 hours

Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)2. Answer **TWO** question from **Part-A**3. **Part-B** is compulsory

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**PART-A**

1. a) Draw left hand and right hand threads of nominal size M20 (4M)  
b) Sketch a double start square thread of pitch 5 mm and nominal diameter 50 mm. (7M)
2. Two square rods of side 50 mm each, are connected by a cotter joint with a gib. (11M)  
Sketch the following views of the assembly :  
(i) half sectional view from the front and (ii) view from the side.
3. Draw (i) half sectional view from the front, top half in section and (ii) half sectional view from the side, left half in section, of a split-muff coupling, indicating proportions to connect two shafts, each of diameter 80 mm. (11M)

**PART-B**

4. Assemble all parts of the Tail stock, shown in Fig. and draw the following views: (i) Half sectional view from the front, (ii) View from above. and (iii) view from side (48M)

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