

Code No: R22036

**R10****SET - 1****II B. Tech II Semester Supplementary Examinations, April-2018****MACHINE DRAWING**

(Com. to ME, AME)

Time: 3 hours

Max. Marks: 75

**Note: Part A: Answer any TWO of the following questions:****PART-B** is compulsory.

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**PART-A**

1. Answer any two of the following (12.5M×2=25M)  
Draw sectional front view and top view of the Foot step bearing with suitable dimensions.
2. Sketch the following with drawing proportions  
i) Buttress thread. ii) Square thread. iii) Worm thread.
3. a) Draw the following locking devices (d = 25 mm).  
Locking with pin ii) locking by castle nut.  
b) Draw the conventional representation of following materials  
i) Cast Iron ii) Glass iii) Wood.

**PART-B**

4. Figure gives the part drawings of Plummer block. Assemble all the parts and draw the following assembled views:  
i) Sectional front view ii) Top view. (50M)

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