

II B. Tech II Semester Supplementary Examinations, Dec/Jan-2015-16
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**

(12.5M×2=25M)

1. Draw any three types of headed bolts.
2. Draw the half sectional front view and top view of a 50 mm bushad bearing.
3. Draw the sectional front view and top view of a knuckle joint for connecting two 40mm diameter rods.

**PART-B**

(50M)

4. Assemble together the parts of the eccentric shown in figure and draw its views as follows:  
 i) Half sectional front view ii) top view iii) side view  
 Show a suitable eccentric rod end attached to the strap.

| S. No | Name of part           | No. off | Material |
|-------|------------------------|---------|----------|
| 1     | Straps ( in two parts) | 1       | C. I     |
| 2     | Sheave                 | 1       | C. I     |
| 3     | Shim                   | 2       | Brass    |
| 4     | Bolts with nuts        | 2       | C-30     |



