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.

PART-A

 $(12.5M \times 2 = 25M)$

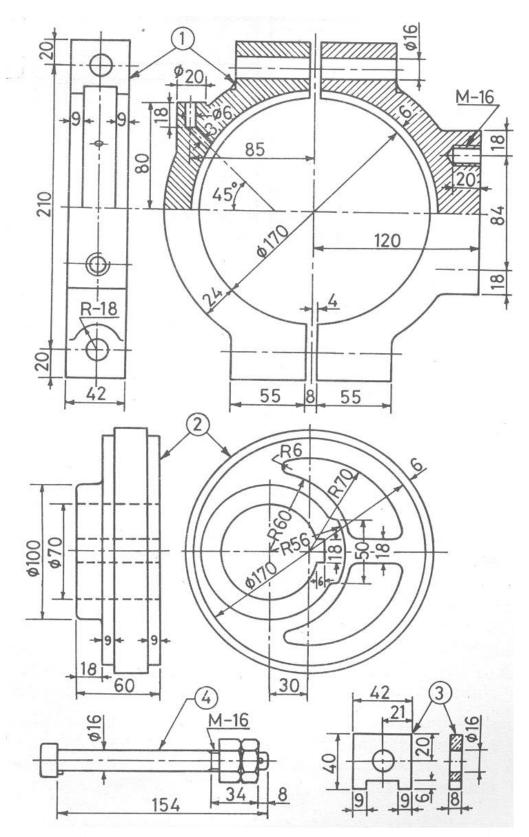
- 1. Draw any three types of headed bolts.
- 2. Draw the half sectional front view and top view of a 50 mm bushad bearing.
- 3. Draw the sectional front view and top view of a knuckle joint for connecting two 40mm diameter rods.

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 |



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