

Code No: R22036

R10**SET - 1****II B. Tech II Semester Supplementary Examinations, November-2017****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 four type of set screws.
2. Draw the sectional front view of foot step bearing.
3. Two square rods of side 50 mm each are connected by a cotter joint with a gib. Sketch the half sectional front view and side view.

**PART-B**

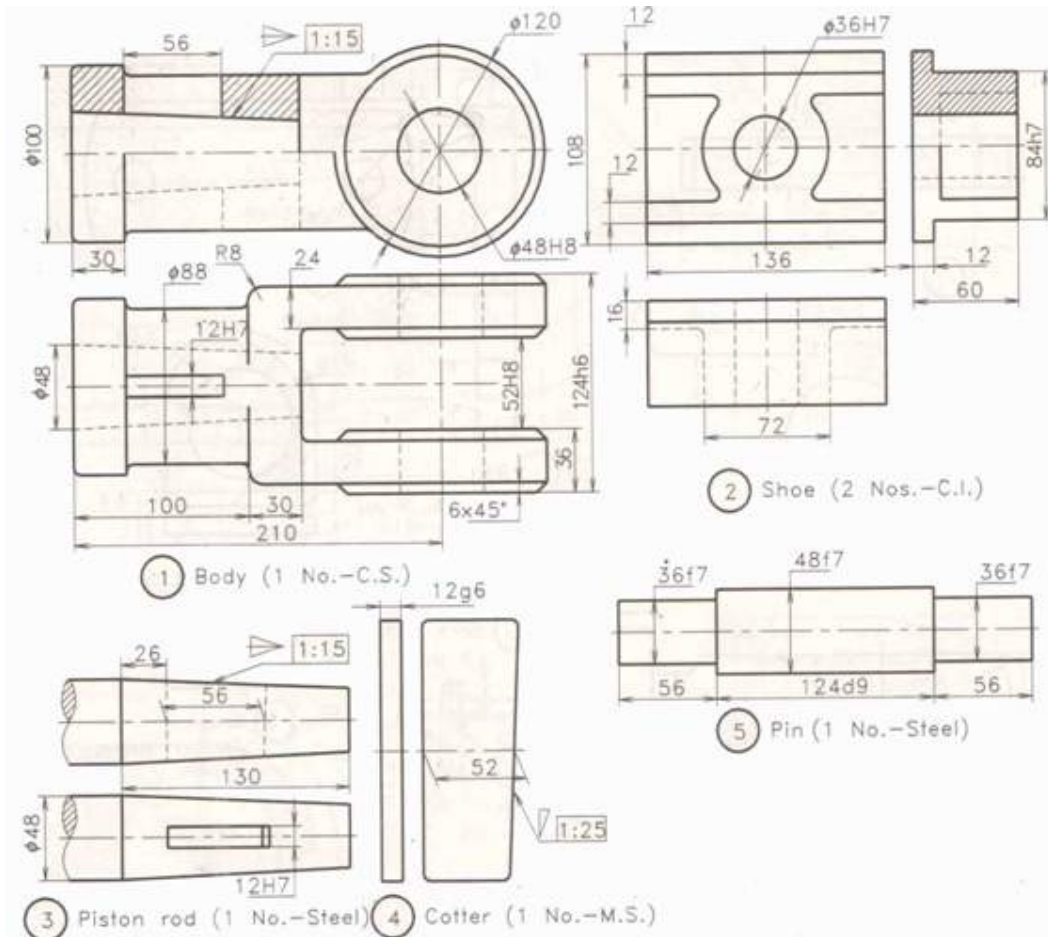
(50M)

4. Draw the assembled plan of the half sectional view of the horizontal cross head parts.

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SET - 1



| Item | Description | Qty. | Material |
|------|-------------|------|----------|
| 1    | Body        | 1    | C.S.     |
| 2    | Shoe        | 2    | C.I.     |
| 3    | Piston rod  | 1    | Steel    |
| 4    | Cotter      | 1    | M.S.     |
| 5    | Pin         | 1    | Steel    |