

Mid-West University
Examinations Management Office
End Semester Examinations 2081

Bachelor level/ B.E. Hydropower/ 2nd Semester

Time: 3 hours

Subject: Engineering Drawing II (ME422/ME103)

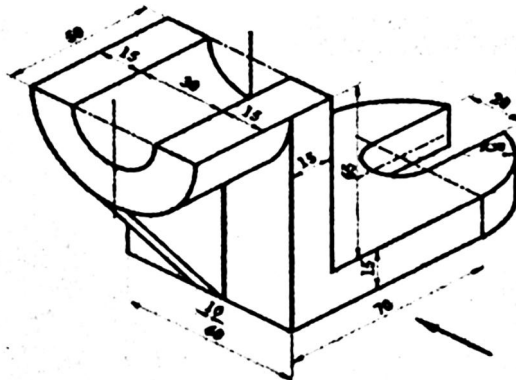
Full Marks: 50

Pass Marks: 25

- Attempt all the questions
- Figures in the margin indicate full marks.
- Assume suitable values, with a stipulation, if necessary.
- Candidates are required to answer the questions in their own words as far as possible.

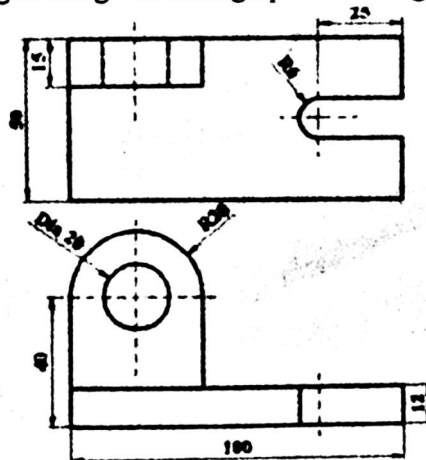
1. Draw the views of the objects given below with sectional front view.

[6]



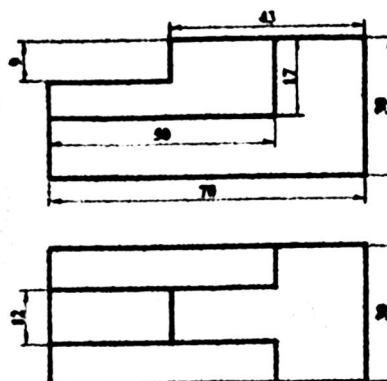
2. Draw an Isometric Drawing of the given orthographic drawing.

[12]



3. Draw the parallel perspective projection from the given orthographic views.

[8]



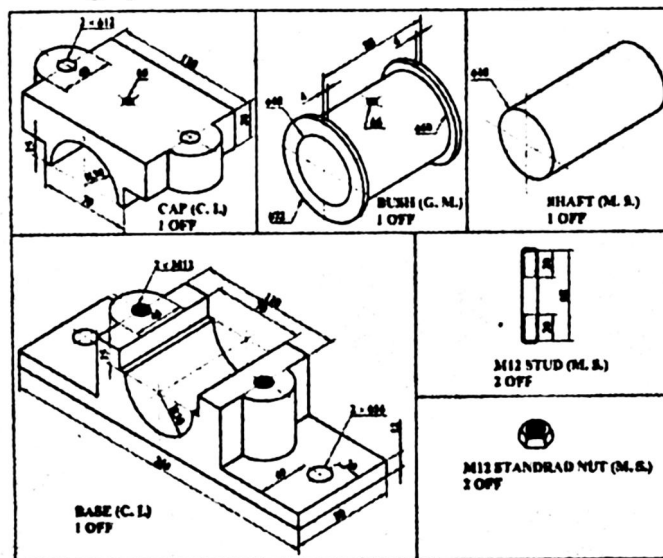
4. Sketch free hand the graphical symbols for the followings. [3]

- Butt joint
- Elbow-45°
- Power line
- AC generator
- Highway Bridge
- Dam

5. Make the complete fit analysis of the 50H/d9 fit symbols. [5]

- Indicate the types of fit
- Find the allowance
- Find upper and lower limit
- Calculate upper and lower deviation
- Also mention which basic system (hole/shaft) is wise to select for analysis.

6. Draw the complete orthographic sectional front view of the given pictorial views. [16]



The End