

Mid-West University  
**Examinations Management Office**

End Semester Examinations 2081

Bachelor level/ B.E. Civil/ 2<sup>nd</sup> Semester

Time: 3 hours

Subject: Engineering Drawing II (ME421/ME103)

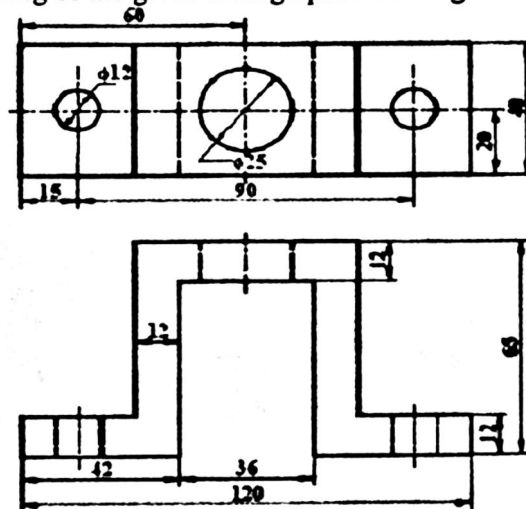
Full Marks: 50

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.

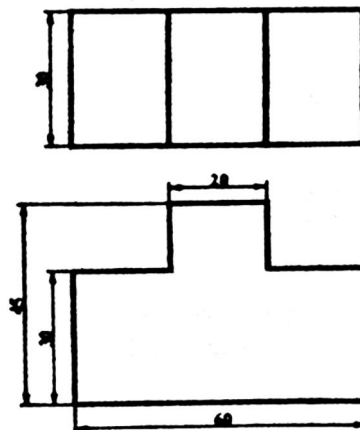
1. Draw an Isometric Drawing of the given orthographic drawing.

[12]



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

[8]



3. Sketch free hand the graphical symbols for the followings.

[3]

- a) Capacitor
- b) Elbow joint
- c) Trail
- d) Dam
- e) Highway Bridge
- f) Lap Weld

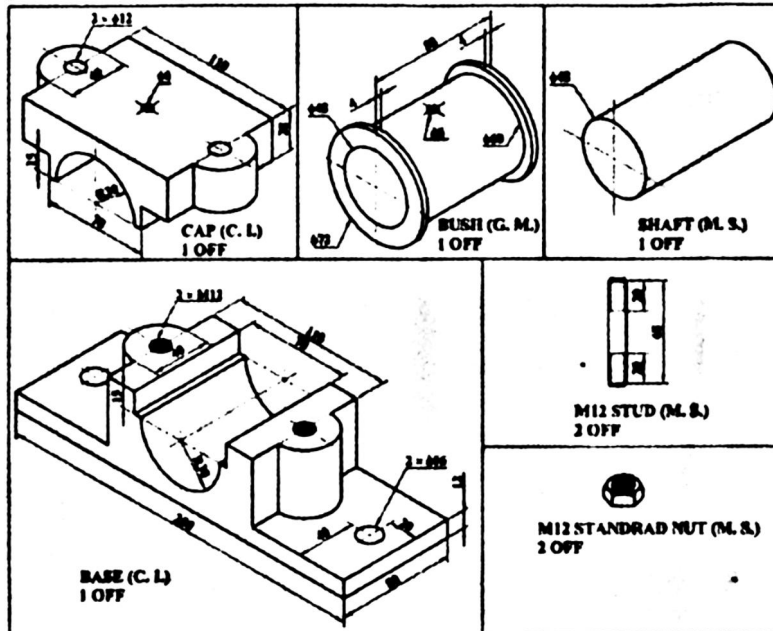
4. Make the complete fit analysis of the 100H7/s6 fit symbols.

[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.

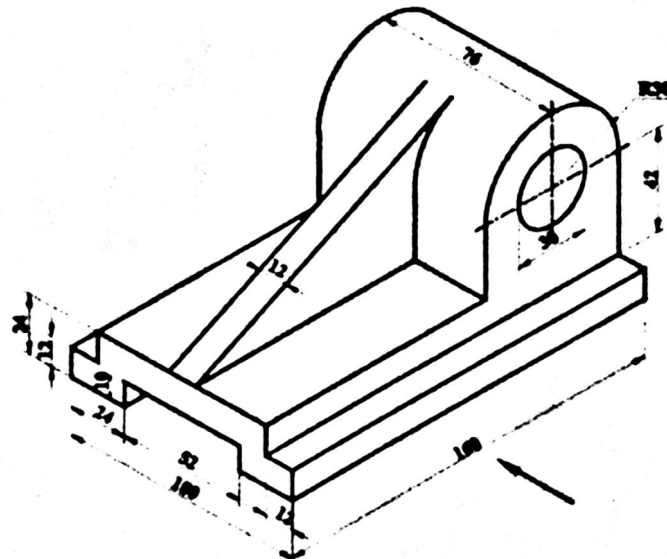
5. Draw the complete orthographic sectional front view of the given pictorial views.

[16]



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

[6]



The End