

MANMOHAN TECHNICAL UNIVERSITY
OFFICE OF THE CONTROLLER OF EXAMINATIONS
Model Question, 2080 Asar

Level: Bachelor
Faculty: School of Engineering
Program: Civil
Subject: Engineering Drawing II (EG455ME)

Year/Part: I/II
F.M.: 40
P.M.: 16
Time: 3 Hours

Attempt ALL questions

1. The end P of the line PQ is 12 mm in front of VP and 42 mm above HP. The end Q is 54 mm in front of VP and 12 mm above HP. The distance between the end projectors is 54 mm. Determine the shortest distance of PQ from XY using auxiliary plane method. [5]
2. Draw full section F.V. and half section S.V. of the following figure number 1. [8]

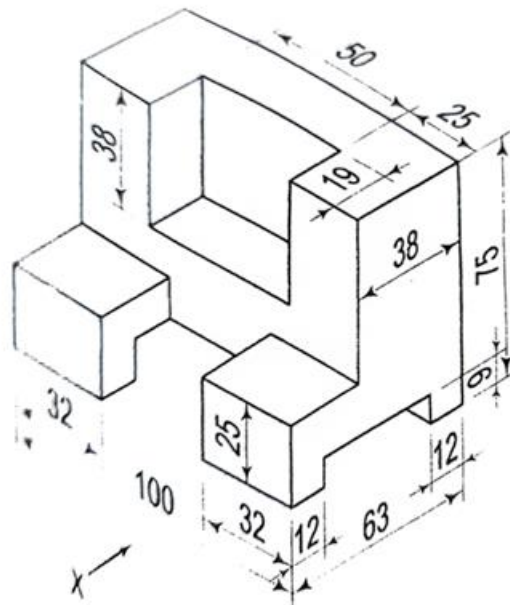


Fig. No. 1

3. A right square prism of 40 and axis 70 rests on HP such that its two sides are equally inclined with VP is completely penetrated by a cylinder of $\varnothing 30$ and axis 70 bisecting the axis of both solids. Draw development of both intersecting solids. [10]
4. Define fits. Explain hole basis and shaft basis system with figure. [4]
5. What are types of welding joints and types of welds. Explain with figure. [3]

6. Draw the detailed assembled full section of fig. no. 2. [10]

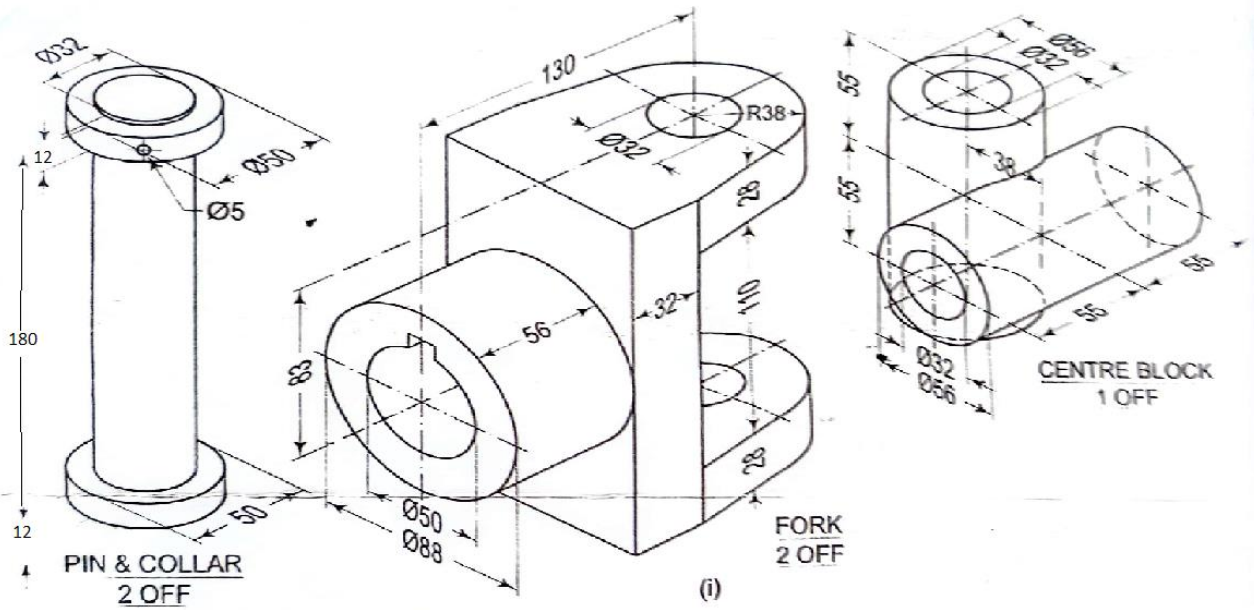


Fig. No. 2
