

No. of Printed Pages : 4
Roll No.

**3rd Sem. / Agri, Mech. Prod. T & D, CNC, CAD/CAM,
GE, Metallurgy, Pack, Tech, Print Making Tech, Mech
(Ad. Manu. Tech.) MechEngg/Fabrication Tech.)**

Subject : Mechanical Engineering Drawing M/C Drg.

Time : 3 Hrs.

M.M. : 100

SECTION-A

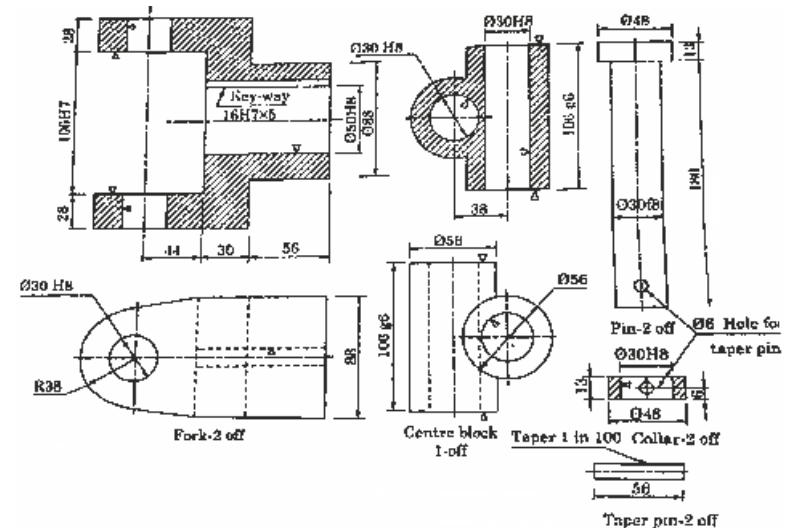
Note: Very short Answer type Questions. Attempt any 10 parts out of twelve parts. (10x2=20)

- Q.1
- What is limit system? (CO-1)
 - Define zero line. (CO-1)
 - Name type of fits? (CO-1)
 - Define clearance. (CO-1)
 - Universal coupling is also known as _____. (CO-3)
 - Classify journal bearings. (CO-2)
 - What is a pipe? (CO-2)
 - What is the function of G.I. pipes. (CO-2)
 - What is the material of jig plate? (CO-5)
 - What is a machine vice. (CO-4)
 - Define module in gears? (CO-6)
 - What is spur gear? (CO-6)

SECTION-B

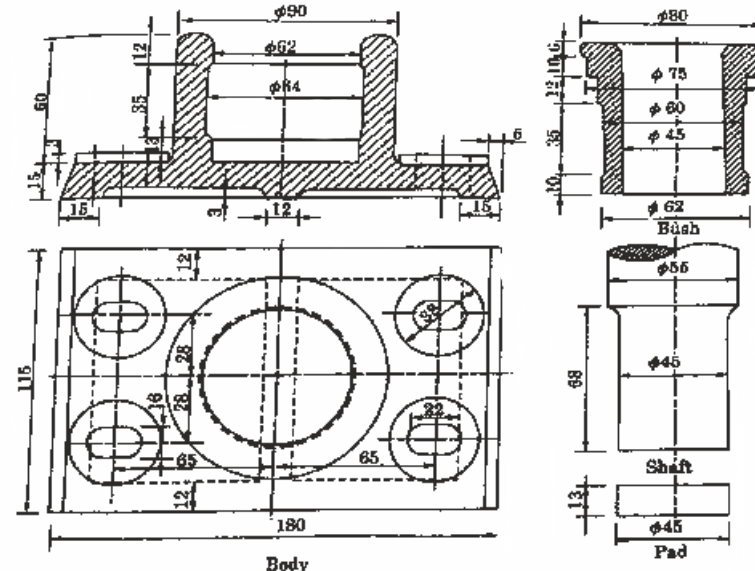
Note: Long answer type questions. Attempt any four out of five questions. Assume missing dimensions. (20x4=80)

- Q.2 Draw the sectional front view and side view of an Universal Coupling as shown in fig which joins two 50 mm diameter shafts. (CO3)



- Q.3 Draw the following views after assembly of footstep bearing as shown in figure below. (CO-2)

- a) Front view b) Top view

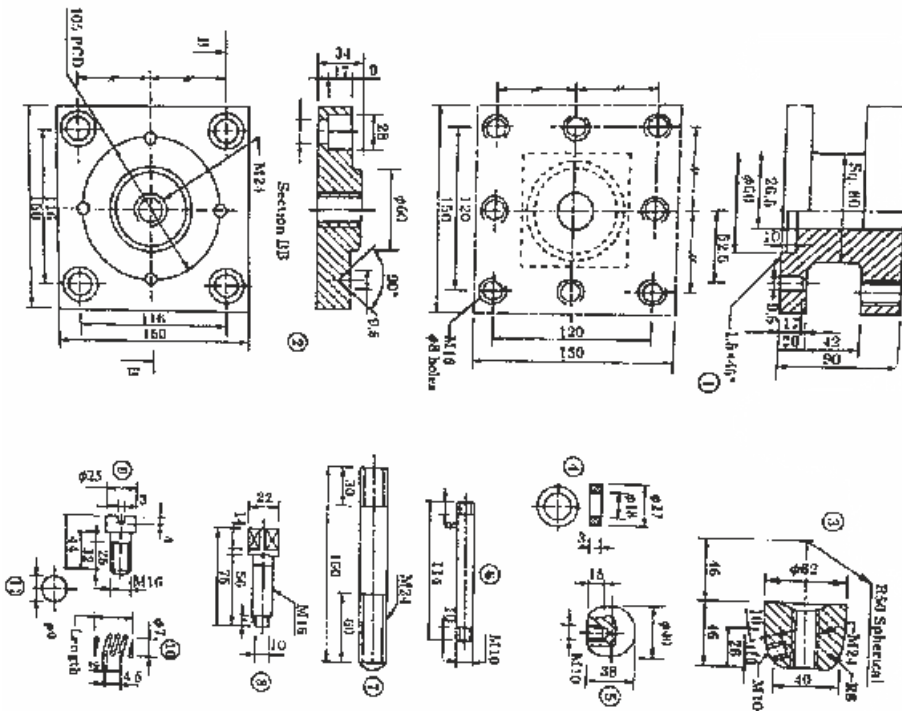


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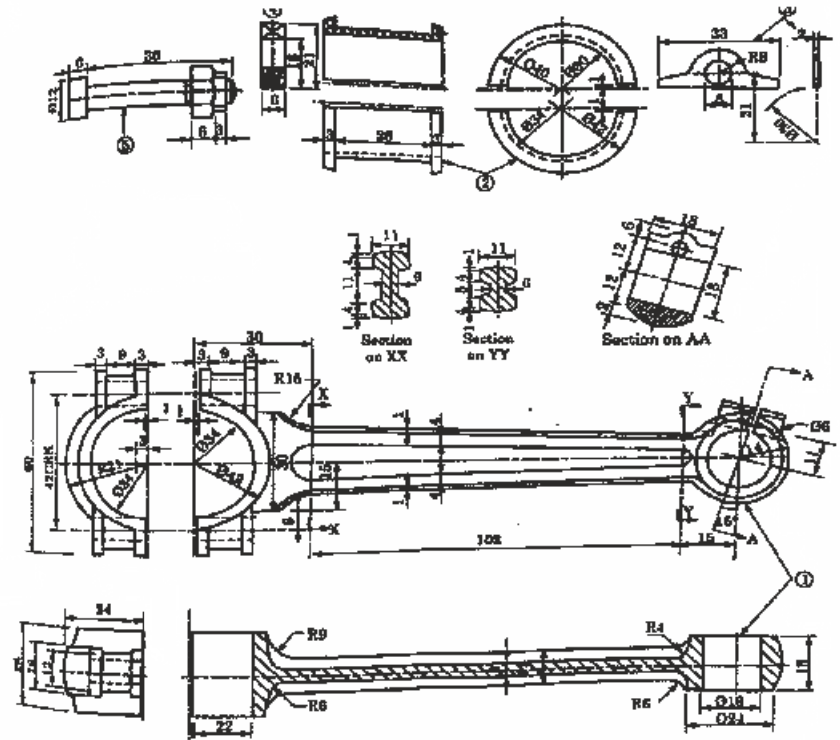
Q.4 Fig. Given below shows the detail of a Lathe Tool Holder. Assemble the parts and draw the following views in first angle projections methods. (CO-2)

- a) Front view b) Top view



Q.5 Draw the following views of petrol engine connecting rod: (CO-5)

- a) Sectional front elevation
b) Top view



Q.6 Give the complete nomenclature of gear with neat diagram. (CO-6)

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