

No. of Printed Pages : 4
Roll No.

181734/171734/121734
/031734/030133

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

Subject:- Mechanical Engineering Drawing / M / c Drg.

Time : 3Hrs.

M.M. : 100

SECTION-A

Note: Very long answer type questions. Attempt any ten questions out of twelve questions. (2x10=20)

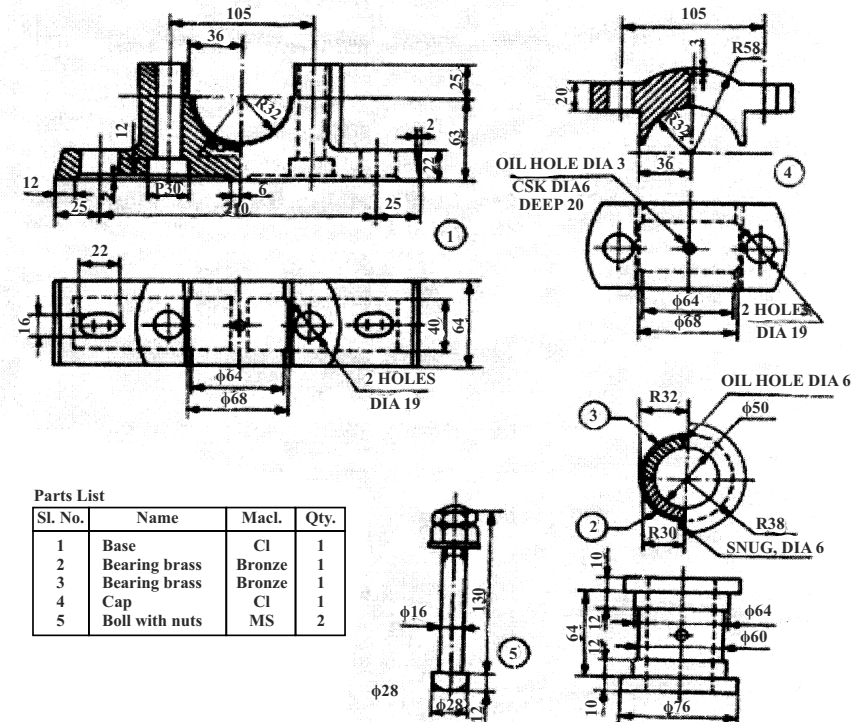
- Q.1 What is the need of giving tolerance to the part?
- Q.2 What is the function of blow off cock?
- Q.3 Define pulley
- Q.4 Define the flank of gear
- Q.5 Give difference of fast and loose pulley giving its application
- Q.6 Name any four parts of screw jack
- Q.7 What is the need of wall bracket?
- Q.8 Which is the commonly used material for piston?
- Q.9 Define module of gear with its formula
- Q.10 What is the function of bearings?
- Q.11 Define addendum.
- Q.12 Name the material of bush and give the function of bushes.

SECTION-B

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

- Q.13 Figure shows the details of Plummer block. Assemble the parts and draw :

- i) half-sectional front view
- ii) top view



- Q.14 Fig shows the detail drawing of an Piston. Assemble all the parts together and draw
- i) full sectional the front view
 - ii) top view
- Assume any missing dimension. Select a suitable scale

(1) 181734/171734/121734
/031734/030133

(2) 181734/171734/121734
/031734/030133

