II B. Tech II Semester Regular/Supplementary Examinations, November - 2020
MACHINE DRAWING
(Com to ME, AME)

Time: 3 hours   Max. Marks: 70

Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B)**
2. Answer **any two questions** in **Part-A -** 10x2=20 marks
3. Question from **Part-B** is compulsory - 50x1=50 marks
~~~~~~

PART –A

1. Draw (*a*) Front sectional view and (*b*) top view, of the following riveted joints, to join plates of thickness 10 mm: (10M)
   (i) single riveted lap joint, (*ii*) double riveted, double strap, zig-zag butt joint.

2   Sketch neatly, giving proportionate dimensions; the following foundation bolts of diameter 30 mm: (*a*) eye foundation bolt, and (*b*) Lewis foundation bolt   (10M)

3   Draw (*a*) sectional view from the front and (*b*) view from the side of a universal coupling, indicating proportions, to connect two shafts, each of diameter 40 mm.   (10M)

PART –B

2. a)   Assemble the parts of Plummer block shown in figure. Draw the following views --Half sectional view from the front, with left half in section   (40M)

   b)   View from the above.   (10M)

||"|"||"||"""|

Parts list

Sl. No.	Name	Matl.	Qty.
1	Base	CI	1
2	Bearing brass	Bronze	1
3	Bearing brass	Bronze	1
4	Cap	CI	1
5	Bolt with nuts	MS	2

OIL HOLE, DIA 3
CSK DIA 6
DEEP 20

2 HOLES, DIA 19

OIL HOLE, DIA 6

SNUG, DIA 6

2 of 2