No. of Printed Pages.....

Roll No..... **Paper Code- 120025**

2nd Sem./ Common

Subject- Engineering Drawing – II

Time allowed: 3 hrs **M.M : 100**

SECTION-A

Note: Very short answer type questions. Attempt any 10 parts. (10x2=20)

Q.1

i) What is utility of assembly drawing?
ii) What is freehand drawing?
iii) What are permanent fasteners?
iv) Define screw threads?
v) Define flank.
vi) What is right hand thread?
vii) What is meant by "fullering" of riveted joints?
viii) What is a lap joint?
ix) Draw the symbol of Shower head.
x) What is stud?
xi) What is 'Ortho'mode in auto cad?
xii) What is t he purpose of zoom command?

SECTION-B

Note: Short answer type questions. Attempt any four questions. (4x10=40)

Q.2 Draw the free hand sketch two views of a flange coupling.

Q.3 Draw three views of a square headed nut when two faces are seen in front view.

Q.4 Draw the free hand sketch of "lewis Bolt".

Q.5 Draw the sketch of following threads:
(a) Acme Threads (b) Knuckle Threads

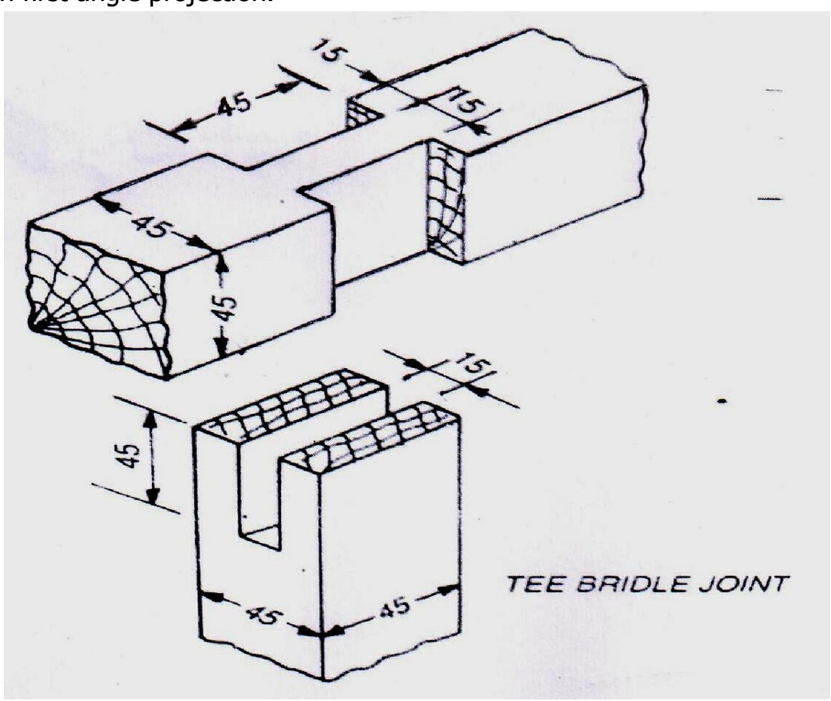
Q.6 Draw proportionately the following:
(a) Lock Nut (b) Split pin Nut

SECTION-C

Note: Long answer type questions. Attempt any two questions. (2x20=40)

Q.7 Draw the top view and sectional front view of a double riveted double cover Butt joint (Chain type) when the thickness of plate is 16 mm.

Q.8 Detail of two members of the 'Tee Bridle Wooden Joint' is given in figure below. Assemble the parts together and draw (i) Front view of assembly (ii) Side View (ii) Top view in first angle projection.



Q.9 The detail of Gib and Cotter joint are given below. Assemble the parts together and draw (a) Front view upper half in section (b) Side view (c) Top view. Adopt suitable scale, Use first angle projection system.