B.Tech Degree III Semester Examination November 2002

S

SE 306 MACHINE DRAWING

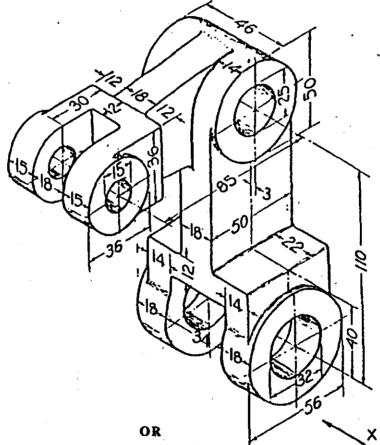
(1999 Admissions onwards)

Time: 3 Hours

Max. Marks: 100

(Any missing data may suitably be assumed.
All dimensions are in mm.)

I. Draw the front view, top view and left side view of the component shown in fig.(1). (25)



II. Draw the three views of a castle nut for a bolt of size 24 mm diameter.

III. Define fits, what are the different types of fits? Explain with examples. (20)

OR

IV. Draw Lewis foundation bolt and give proportionate dimensions. (20)

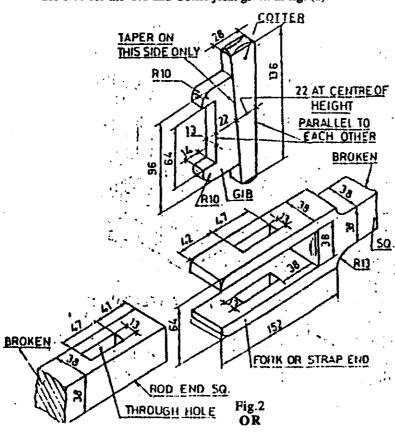
(Turn Over)

(25)

V.

Assemble and draw the front view (top half in section), top view and side view from Gib side for the Gib and Cotter joint given in fig. (2).

(55)



VI.

Draw the front view (top half in section), top view and side view bottom half in section of the hydraulic joint given in fig.(3).

(55)

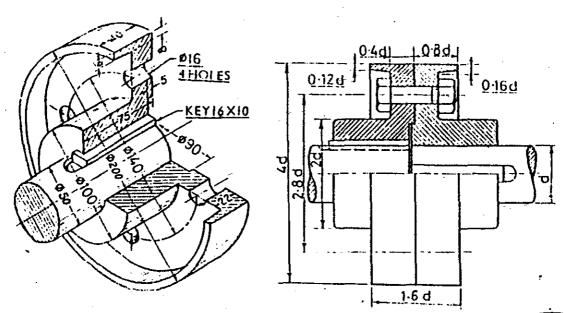


Fig.3

