

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination – Oct 2019

Course: B. Tech in Mechanical Engineering

Sem: III

Subject Name: Machine Drawing & CAD

Subject Code: BT-MEC 304

Max Marks:20

Date:-

Duration:- 1 Hr.

Instructions to the Students:

1. Figures to the right indicates full marks
2. Assume suitable data, if and wherever necessary

(Level/CO) Marks

Q.1

Draw the conventional representation for the following

CO3

6

1. Pipe and tubing
2. Double U butt weld
3. External Screw Threads
4. Straight Knurling
5. Splined shaft
6. Steel and its alloys

Q.2

Solve Any one of the following.

CO1,CO3

6

(A)

Draw Conventional Representation of any two Screw Fasteners

(B)

Figure1 shows isometric view of machine block. Draw Sectional F.V. and T.V

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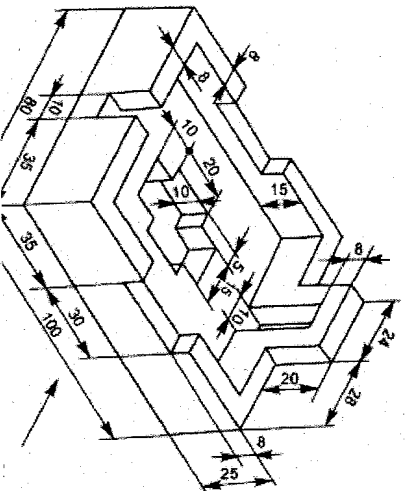


Figure 1

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Q.3

Solve Any One of the following.

CO1,CO2

8

(A)

A Vertical cylinder of 80 mm diameter is completely penetrated by another cylinder of 60 mm diameter, their axes bisecting each other at right angles. Draw their projections showing curves of intersection, assuming the axis of penetrating cylinder to be parallel to the V.P.

(B)

Figure 2 shows the isometric view of sliding block. Draw i) Sectional F.V ii) T.V

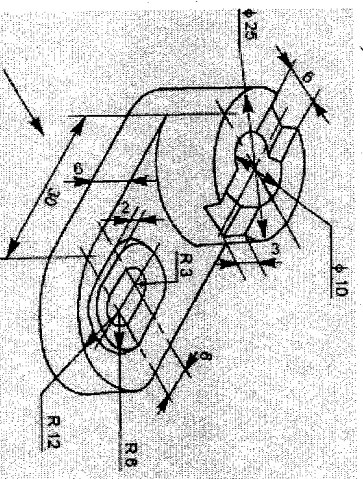


Figure 2