

Roll No:

Section-A

1. A square of side 100 cm is parallel to HP, if one edge is parallel to VP, then Front view length is _____ and Front view _____ (inclined to reference line/ perpendicular to reference line / parallel reference line)
2. A square of side 100 cm is parallel to HP, if one edge is inclined to VP with angle 30 degree, then Front view length is _____.
3. A square of side 100 cm is parallel to HP, if one edge is inclined to VP with angle 30 degree, then area of Top view is _____.
4. A square of side 100 cm is parallel to VP, if one edge is parallel to HP, then area of Front view is _____.
5. A square of side 100 cm is parallel to VP, if one edge is parallel to HP, then Top view is _____ (parallel to reference line/perpendicular to reference line/inclined to reference line).
6. Isometric scale is _____.
7. Difference between isometric view and isometric projection.
8. For getting isometric view what are angle of rotation _____.
9. What do you understand by isometric view.

DEPARTMENT OF MECHANICAL ENGINEERING
UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY, CSJM UNIVERSITY, KANPUR
Engineering Drawing (TCA-S101)

Semester: 2022-23 (Odd Semester)

Year: 1st Year (2K22)

Mid Semester Examination (II)

Time: 1.5 h

Maximum marks: 30

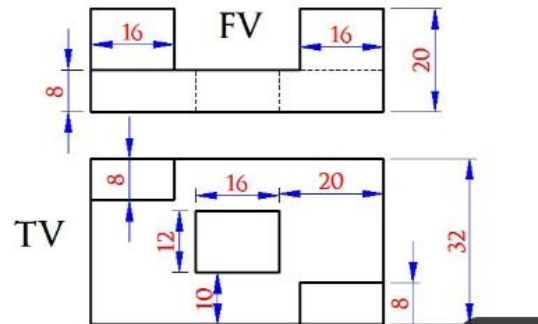
All questions are compulsory

Section-B

1. Draw isometric view of cube of side 2.5 cm.
2. Draw isometric view of cylinder of radius 3 cm and height 5cm.
3. Draw isometric view of square of side 3 cm.

Section-C

1. Draw isometric view of given orthographic projection.



2. Draw the projection of a square of side 7.5 cm is parallel to HP and one edge inclined to VP at an angle 60 deg.