School of Engineering
B.TECH Civil Engineering
Mid Term Examination - Nov 2023

Duration : 90 Minutes
Max Marks : 50

Sem III - G1UA305B - Computer designs in Civil Engineering

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1) How do you create a circle with a specific radius in AutoCAD?   K2 (2)

2) Describe the steps to create a dynamic component in SketchUp that changes size when a parameter is adjusted.   K1 (3)

3) What is the difference between a polyline and a line in AutoCAD?   K2 (4)

4) Create a circle with a radius of 8 units. What command would you use?   K2 (6)

5) How can you dimension an object in AutoCAD?   K3 (6)

6) Explain the use of the POLYLINE command in AutoCAD   K3 (9)

7) Explain the concept of dynamic blocks in AutoCAD   K4 (8)

8) Construct a parallelogram with sides of length 6 units and 8 units, and an included angle of 60 degrees.   K4 (12)

OR

Create a text annotation with the content "AutoCAD" at the point (4,6) with a height of 2 units.   K4 (12)