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School of University Polytechnic

Diploma in Civil Engineering
Mid Term Examination - Nov 2023

Duration : 90 Minutes
Max Marks : 50

Sem I - N1DL101T - Engineering GraphicsGeneral 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) Define the role of rectangle command. K2 (2)
- 2) Define the use of drawing instruments. K1 (3)
- 3) State the five useful command used in Auto-CAD. K2 (4)
- 4) Explain the application of CAD. K2 (6)
- 5) Explain the characteristics of lettering. K3 (6)
- 6) Explain the different types of lines with their uses. K3 (9)
- 7) To construct regular pentagon on a given base. K4 (8)

- 8) Investigate the mathematical definition of a conic section. K4 (12)

OR

- List out the four types of projection planes. K4 (12)