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School of University Polytechnic

Diploma in Civil Engineering
Mid Term Examination - Nov 2023

Duration : 90 Minutes
Max Marks : 50

Sem III - N1DB305C - Surveying IGeneral 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) Discuss the use of cross staff in chain survey K2 (2)
- 2) What is the length of metric chain? K1 (3)
- 3) Classify the different types of surveying K2 (4)
- 4) Describe the equipments used in chain survey. K2 (6)
- 5) Illustrate the process of ranging. K3 (6)
- 6) Illustrate the different types of surveying. K3 (9)
- 7) Draw the diagram of optical square. K4 (8)

- 8) Draw the diagram of a 20 m chain and enlist its components. K4 (12)

OR

Draw the diagram of surveyor compass and explain its components. K4 (12)