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School of University Polytechnic

Diploma in Civil Engineering
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem IV - N1DB405C - Surveying IIGeneral 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) Explain orientation by Trough compass in detail. K2 (2)
 - 2) What Are The Precautions Must Be Taken In Radiation Method. K1 (3)
 - 3) Classify the different types of surveying K2 (4)
 - 4) Describe the Radiation Method. K2 (6)
 - 5) Illustrate the process of sighting objects through alidade. K3 (6)
 - 6) Illustrate the Different Methods Of Contouring K3 (9)
 - 7) Draw the diagram of alidade and write down its use in plane table survey. K4 (8)

 - 8) Draw the diagram of plane table accessories and write down their uses. K4 (12)
- OR**
- Analyze the trial and error method of three point problem. K4 (12)