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School of University Polytechnic

Diploma in Electrical Engineering
Semester End Examination - Nov 2023

Duration : 180 Minutes
Max Marks : 100

Sem V - N1DI506B - Electrical Design Drawing and Estimation-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) Define the name some of the equipment for which earthing is necessary. K1 (2)
- 2) Debate the specifications for underground cables . K2 (4)
- 3) Explain the calculation of current for single and three phase motors K2 (6)
- 4) write the advantages and disadvantages of pipe earthing. K3 (9)
- 5) Write the main components of overhead lines K3 (9)
- 6) Examine the list of overhead cables. K5 (10)
- 7) Analyze the Comparison between overhead and underground systems . K4 (12)
- 8) Consider the need of starter in a motor. K5 (15)
- 9) Consider the direct and indirect labor cost. K5 (15)
- 10) Explore the classification of earthing. K6 (18)