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School of University Polytechnic

Diploma in Electrical Engineering
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem IV - N1DI404C - Electrical Design Drawing and Estimation 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) Explain conduit wiring. K2 (2)
- 2) Define resistor, capacitor & inductor symbols K1 (3)
- 3) Explain types of cables used for internal wiring . K2 (4)
- 4) Explain cleat wiring. K2 (6)
- 5) Write corridor lighting. K3 (6)
- 6) Write switches ,distribution board. K3 (9)
- 7) Write advantages of loop-in method of wiring. K4 (8)
- 8) Comparison between battten wiring and casing and capping wiring. K4 (12)

OR

Write the applications of conduit wiring and cleat wiring. K4 (12)