

School of University Polytechnic**Diploma in Electrical Engineering
Semester End Examination - Jun 2024****Duration : 180 Minutes
Max Marks : 100****Sem IV - N1DI404C - N1DI401C - Electrical Design Drawing and Estimation I***General 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*

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| 1) | Define tumbler switch. | K1(2) |
| 2) | Discuss types of wiring. | K2(4) |
| 3) | Express batten wiring | K2(6) |
| 4) | Write one bell controlled by two push buttons. | K3(9) |
| 5) | Write bell, push buttons and their applications. | K3(9) |
| 6) | Consider advantage and disadvantages of cleat wiring | K5(10) |
| 7) | Write disadvantages of loop-in method of wiring | K4(12) |
| 8) | Consider heat insulation, lifts and escalators and their applications. | K5(15) |
| 9) | Consider location and space for electrical equipment. | K5(15) |
| 10) | Explore weather proof cables and their applications. | K6(18) |