



DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING

CENTRALIZED QUESTION BANK

**4030640 - Electrical Estimation And Costing
Practical**

**DIRECTORATE OF TECHNICAL
EDUCATION GOVERNMENT OF
TAMILNADU**

DIPLOMA END SEMESTER / YEAR EXAMINATION – 2023

Course : Electrical and Electronics Engineering

Subject : Electrical Estimation And Costing Practical

QP Code : 4030640

Time : 3 Hours Date :

Session:

Max Marks: 100

ANSWER ALL THE QUESTIONS

1. Estimate the quantity of material and cost required for Residential Building (1BHK).
2. Estimate the quantity of material and cost required for Computer Centre having 10 Computers, AC Unit, UPS, Light and Fan.
3. Estimate the quantity of material and cost required for Industrial Power Wiring having 4 Machines.
4. Estimate the quantity of material and cost required for street light service having 12 Lamps Light Fittings.
5. Estimate the quantity of material and cost required for 3 Phase Service connections to a building having 5 KW Load.
6. Estimate the quantity of material and cost required for Irrigation Pump Wiring (5HP).
7. Estimate the quantity of material and cost required for school Building having 3 Class Rooms.
8. Estimate the quantity of material and cost required for erection of a 15HP Induction Motor in a Saw Mill/Flour Mill.

ALLOCATION OF MARKS

S.NO	NAME OF ACTIVITY	MARK ALLOCATION
1.	LAYOUT/DETAILS OF FITTING	20
2.	LOAD CALCULATION	20
3.	MATERIAL CALCULATION	30
4.	MATERIAL SCHEDULE AND APPROXIMATE COST	
5.	VIVA-VOCE	05
6.	TOTAL	100