



DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING

CENTRALIZED QUESTION BANK

4030625 - Bio-Medical Instrumentation Practical

**DIRECTORATE OF TECHNICAL
EDUCATION GOVERNMENT OF
TAMILNADU**

DIPLOMA END SEMESTER / YEAR EXAMINATION – 2023

Course : Electrical And Electronics Engineering

Subject : Bio-Medical Instrumentation Practical

QP Code : 4030625

Time : 3 Hours **Date :**

Session:

Max Marks: 100

ANSWER ALL THE QUESTIONS

1. Construct and test the Differential amplifier.
2. Construct and test the Instrumentation amplifier.
3. Conduct an experiment to measure the pH of given solution.
4. Conduct an experiment to measure the Blood pressure.
5. Conduct an experiment to measure the ECG waveform.
6. Construct and verify the pacemaker circuit.
7. Construct and test the high gain amplifier.
8. Conduct an experiment to measure the Body and Skin temperature.

ALLOCATION OF MARKS

S.NO	NAME OF ACTIVITY	MARK ALLOCATION
1.	CIRCUIT DIAGRAM/CONNECTION DIAGRAM/BLOCK DIAGRAM	35
2.	CONNECTION AND PROCEEDING THE EXPERIMENT	35
3	READING/GRAPH/RESULT	25
4.	VIVA-VOCE	05
5	TOTAL	100