



Govt. of Kerala

DIRECTORATE OF TECHNICAL EDUCATION

STATE BOARD OF TECHNICAL EDUCATION

LABORATORY LOG BOOK

(for Polytechnic Colleges – Aligned with 2026 Curriculum)

Name of Institution :

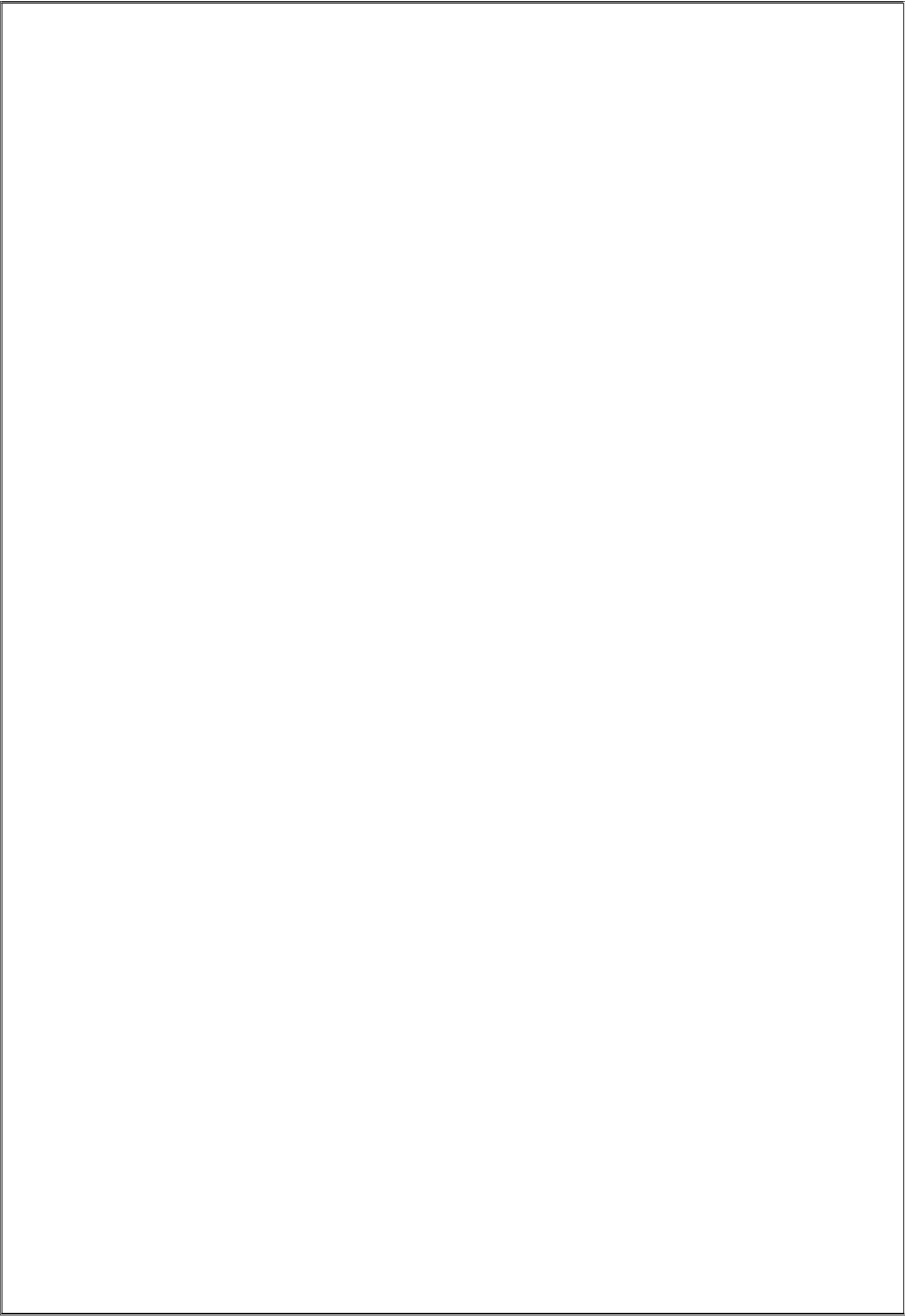
Course Code & Name :

Faculty in Charge :

Semester & Programme :

Year :

**STATE INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH
KALAMASSERY**



VISION AND MISSION OF INSTITUTION

Vision

Mission

VISION AND MISSION OF DEPARTMENT

Vision

Mission

Program Outcome (PO)

PO1	Apply knowledge of mathematics, natural sciences, engineering fundamentals, and an engineering specialization (as specified in DK1 to DK4) to a wide range of practical procedures and practices
PO2	Identify and analyze well-defined engineering problems and reach substantiated conclusions using codified methods of analysis specific to their field of activity (DK1 to DK4).
PO3	Design solutions for well-defined technical problems and assist in the design of systems, components, or processes to meet specified needs, with appropriate consideration for public health and safety, as well as cultural, societal, and environmental factors (DK5).
PO4	Conduct investigations of well-defined problems by locating and search relevant codes and catalogues, and by conducting standard tests and measurements (DK8).
PO5	Apply appropriate techniques, resources, and modern computing, engineering and IT tools to well-defined engineering problems, while being aware of their limitations (DK2 and DK6).
PO6	When solving well-defined engineering problems, evaluate sustainable development impacts to: society, the economy, sustainability, health and safety, legal frameworks, and the environment (DK1, DK5, and DK7).
PO7	Understand and commit to professional ethics and the norms of technician practice, including compliance with relevant laws. Demonstrate an understanding of the need for diversity and inclusion (DK9).
PO8	Function effectively as an individual, and as a member or leader in diverse and inclusive teams, in multidisciplinary face-to-face/remote/distributed settings (DK9).
PO9	Communicate effectively and inclusively on well-defined engineering activities with the engineering community and society at large by comprehending the work of others, documenting one's own work, and giving and receiving clear instructions.
PO10	Demonstrate awareness of engineering management principles as a member or leader of a technical team and apply them to manage projects in multidisciplinary environments.
PO11	Recognize the need for, and have the ability for independent updating in the face of specialized technical knowledge (DK8).

Knowledge and Attitude Profile

DK1	A descriptive, formula-based understanding of the natural sciences applicable in a sub-discipline and awareness of directly relevant social sciences.
DK2	Procedural mathematics, numerical analysis, statistics applicable in a sub discipline.
DK3	A coherent procedural formulation of engineering fundamentals required in an accepted sub-discipline.
DK4	Engineering specialist knowledge that provides the body of knowledge for an accepted sub-discipline.
DK5	Knowledge that supports engineering design and operations based on the techniques and procedures of a practice area.
DK6	Codified practical engineering knowledge in recognized practice areas.
DK7	Knowledge of issues and approaches in engineering technician practice, such as public safety and sustainable development.
DK8	Engagement with the current technological literature of the practice area.
DK9	Ethics, inclusive behavior and conduct. Knowledge of professional ethics, responsibilities, and norms of engineering practice. Awareness of the need for diversity by reason of ethnicity, gender, age, physical ability etc. with mutual understanding and respect, and of inclusive attitudes.

Program Education Objective (PEO)

PEO1	
PEO2	
PEO3	
PEO4	

Program Specific Outcome (PSO)

PSO1	
PSO2	
PSO3	

Course Outcome (CO)

CO1	
CO2	
CO3	
CO4	

CO - PO Mapping

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2	PSO3
CO1															
CO2															
CO3															
CO4															

3 – Strongly Mapped

2 – Moderately Mapped

1 – Weakly Mapped

Experiment details including Open Ended Experiments/Micro Project

Exp. No.	Name of Experiment	Cycle No.	CO. No.

Assessment of performance of students in the Laboratory shall be based on Rubrics.

Experiment details including Open Ended Experiments/Micro Project

Exp. No.	Name of Experiment	Cycle No.	CO. No.

Assessment of performance of students in the Laboratory shall be based on Rubrics.

LABORATORY/WORKSHOP LOG

[illegible]

LABORATORY/WORKSHOP LOG

[illegible]

LAB/WORKSHOP ATTENDANCE

[illegible]

LAB/WORKSHOP ATTENDANCE

[illegible]

LAB/WORKSHOP ATTENDANCE

[illegible]

LAB/WORKSHOP ATTENDANCE

[illegible]

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5				
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

Name of Student	
------------------------	--

Roll No			Register Number										
----------------	--	--	------------------------	--	--	--	--	--	--	--	--	--	--

Continuous Evaluation – 50 marks												
Sl. No	Date.	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.												
12.												
13.												
14.												
15.												
16.												
17.												
Average of Continuous Evaluation Marks												

Open Ended Experiment – 50 marks												
Sl. No	Date	Experiment Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			

Lab Examination – 40 marks												
Sl. No	Date	Exam Name	CO	Marks Awarded						Signature		
				Rubrics						Total	Student	Faculty
				1	2	3	4	5	6			
Average of Lab Examination Marks												

Final Evaluation Marks		
	Maximum Marks	Marks awarded
Attendance	5	
Continuous Evaluation	30	
Open Ended Experiment	10	
Lab Examination	15	
Total Marks	60	

SAMPLE RUBRICS FOR THE ASSESSMENT OF CONTINUOUS EVALUATION

Criteria	Maximum marks	Excellent	Good	Average	Acceptable	Unacceptable
		100%	> 60% to 90%	40% to 60%	10% to < 40%	0%
Preparation & Punctuality	10 marks	Attends punctually, record is complete and submitted on time; demonstrates thorough pre-lab preparation and clear understanding of objectives and theory.	Attends regularly and submits record on time; demonstrates good preparation and understanding of objectives and theory with minor gaps.	Generally prepared; record is submitted with minor deficiencies; demonstrates partial understanding of objectives and theory.	Limited preparation; record is incomplete or delayed; demonstrates poor understanding of objectives and theory.	Absent/unprepared; record not submitted; objectives and basic theory are not understood.
Experimental Setup & Procedure	10 marks	Correctly identifies all components/equipment, makes accurate connections/setup, and performs the procedure systematically, independently and safely.	Correctly identifies most components and performs setup/procedure with minor errors and limited assistance; follows safety practices.	Identifies basic components and completes the procedure with some errors or assistance; follows safety practices inconsistently.	Has difficulty identifying components and setting up the experiment; procedure is incomplete or requires substantial assistance.	Unable to identify components or establish the setup; does not follow the procedure or safety practices.
Observation & Data Recording	5 marks	Records accurate and neat observations systematically; uses correct units, tabulates data properly and maintains a complete record.	Records observations accurately with minor errors; units and tabulation are mostly correct and systematic.	Records most observations but with some errors in readings, units or tabulation; recording is reasonably systematic.	Observations are incomplete or contain significant errors; incorrect units/tabulation and poor organization.	No meaningful observations or data recorded.
Analysis & Result Interpretation	10 marks	Performs calculations accurately, presents graphs correctly, verifies results, discusses findings logically and draws a valid conclusion.	Performs calculations and graphical representation correctly with minor errors; provides reasonable discussion and conclusion.	Performs basic calculations with some errors; graphical representation or verification is partially correct; conclusion is limited.	Analysis is incomplete; significant calculation/graph errors; result verification and conclusion are inadequate.	No meaningful analysis, calculation, interpretation or conclusion.
Viva Voce / Concept Understanding	10 marks	Demonstrates excellent conceptual understanding; clearly explains the experiment, procedure, principles and answers questions confidently and accurately.	Demonstrates good understanding of concepts and procedure; answers most questions correctly with minor gaps.	Demonstrates satisfactory understanding of basic concepts; answers simple questions but has difficulty with application or explanation.	Demonstrates limited conceptual understanding; answers only a few basic questions and requires considerable prompting.	Unable to explain the experiment or answer questions related to the basic concepts.
Workmanship, Discipline & Teamwork	5 marks	High-quality work; highly disciplined, responsible and cooperative; excellent team participation.	Good-quality work; follows rules and instructions; works well with the team.	Satisfactory work; generally follows rules; participates adequately in teamwork.	Minimum standard achieved; needs supervision and reminders; limited team participation.	Poor-quality work; lacks discipline and responsibility; fails to cooperate with the team.

Marks Obtained = _____ out of 50;

Marks in 30 = _____ x 30/50 = _____

SAMPLE RUBRICS FOR THE ASSESSMENT OF OPEN ENDED PROJECT

Criteria	Maximum marks	Excellent	Good	Average	Acceptable	Unacceptable
		100%	> 60% to 90%	40% to 60%	10% to < 40%	0%
Originality and Relevance of the Idea	10	Idea is highly creative, innovative, and strongly relevant to the course objectives.	Idea is relevant and demonstrates good originality and creativity.	Idea is relevant to the course but shows limited originality.	Idea has limited relevance and little evidence of originality.	Idea is irrelevant to the course objectives or no meaningful idea is presented.
Clarity of Objectives and Experimental Plan	10	Objectives are clearly defined and the experimental plan is systematic, logical, and comprehensive.	Objectives are clear and the experimental plan is appropriate, with minor gaps.	Objectives are reasonably clear, but the experimental plan lacks detail or systematic approach.	Objectives are partially defined and the experimental plan is incomplete or unclear.	Objectives are not defined and no meaningful experimental plan is presented.
Correctness of Execution and Data Recording	10	Experiment is executed accurately and safely; observations/data are complete, accurate, and neatly recorded.	Experiment is executed correctly with minor errors; data are adequately recorded.	Experiment is partially correct with some errors; data recording is incomplete or inconsistent.	Execution has significant errors and data recording is inadequate.	Experiment is not executed or no meaningful data/observations are recorded.
Analysis, Interpretation, and Presentation of Results	10	Data are thoroughly analyzed; results are accurately interpreted and presented logically with clear conclusions.	Data are appropriately analyzed and interpreted; results and conclusions are clearly presented.	Basic analysis is carried out, but interpretation or presentation lacks depth and clarity.	Limited analysis and interpretation; results are poorly organized or conclusions are unclear.	No meaningful analysis, interpretation, or presentation of results.
Teamwork and Innovation Demonstrated	10	Demonstrates excellent collaboration, active participation, initiative, problem-solving, and innovative thinking.	Demonstrates good teamwork, participation, initiative, and some innovative thinking.	Participates adequately in the team but shows limited initiative or innovation.	Limited participation and cooperation; little initiative or innovation demonstrated.	Does not contribute effectively to the team and shows no initiative or innovation.

Excellent: 10 marks; Good: 7–9 marks; Average: 4–6 marks; Acceptable: 1–3 marks; Unacceptable: 0 marks

Marks Obtained = _____ out of 50;

Marks in 10 = _____ x 10/50 = _____

SAMPLE RUBRICS FOR THE ASSESSMENT OF LAB EXAM

Criteria	Maximum marks	Excellent	Good	Average	Acceptable	Unacceptable
		100%	> 60% to 90%	40% to 60%	10% to < 40%	0%
Write-up / Procedure (before experiment)	10	Aim, circuit diagram/flowchart and stepwise procedure are complete, accurate, clear and logically presented. Demonstrates thorough preparation.	Aim, diagram/flowchart and procedure are appropriate and mostly complete, with minor omissions or errors.	Aim, diagram/flowchart and procedure are partially complete and show adequate understanding, with some errors.	Incomplete or unclear aim, diagram/flowchart or procedure; significant errors or omissions.	Write-up not prepared or does not address the requirements of the experiment.
Experiment Setup & Execution	10	Correctly sets up the circuit/system/code independently; handles instruments/software confidently and safely; executes the experiment accurately and systematically.	Sets up and executes the experiment correctly with minor assistance; handles instruments/software satisfactorily with occasional errors.	Completes the setup and execution with considerable assistance; some errors in connections, coding, operation or procedure.	Partially completes the setup/execution; requires substantial assistance and demonstrates limited ability in handling instruments/software.	Unable to set up or execute the experiment even with assistance.
Observation & Result / Output	8	Readings/observations are accurately recorded and properly tabulated; calculations, graphs or program outputs are correct; result is accurate and clearly supported by observations.	Observations and calculations are mostly accurate; tables/graphs/output are appropriate; result is substantially correct with minor errors.	Observations are recorded but contain some errors or omissions; calculations/graphs/output are partially correct; result is reasonably obtained.	Incomplete or inaccurate observations; calculations/graphs/output are inadequate; result is partially correct or unsupported.	No meaningful observations, calculations or output; result is absent or incorrect.
Viva Voce	8	Demonstrates excellent conceptual understanding of the experiment and clearly explains principles, procedures, observations and related theoretical concepts.	Demonstrates good understanding of the experiment and answers most conceptual and theoretical questions correctly.	Demonstrates basic understanding and answers fundamental questions, but has gaps in related concepts and theory.	Demonstrates limited understanding; answers only a few basic questions with considerable difficulty.	Unable to explain the experiment or answer basic conceptual/theoretical questions.
Record	4	Record is complete, neat, well-organized and properly maintained; all required sections are accurately documented and duly certified by faculty.	Record is complete and neatly maintained with minor omissions or presentation issues; properly certified.	Record is reasonably complete but has some omissions, corrections or presentation issues; certification is present.	Record is incomplete, poorly maintained or lacks proper documentation/certification.	Record not submitted or contains no meaningful documentation.

Marks Obtained = _____ out of 40;

Marks in 15 = _____ x 15/40 = _____