



## RUBRIC for ASSESSMENT of OPEN ENDED LAB

S.No.	Components	Level of Achievement				
		Excellent (4)	Good (3)	Basic (2)	Just Acceptable (1)	Unacceptable (0)
1.	Background knowledge	<input type="checkbox"/> 4 – Thorough study and all the questions have been answered correctly.	<input type="checkbox"/> 3 – Adequate study and more than half of the questions have been answered correctly.	<input type="checkbox"/> 2 – Sufficient study and half of the questions have been answered correctly.	<input type="checkbox"/> 1 – In-adequate study and less than half of the questions have been answered correctly.	<input type="checkbox"/> 0 – No study and none of the questions have been answered.
2.	Select Appropriate Equipment & Tools	<input type="checkbox"/> 4 – Relevant and smart selection of equipments and tools to achieve desired objective along with proper reasoning.	<input type="checkbox"/> 3 – Satisfactory selection of equipments and tools to achieve desired objective along with proper reasoning.	<input type="checkbox"/> 2 – Satisfactory selection of equipments and tools to achieve desired objective without proper reasoning.	<input type="checkbox"/> 1 – Unsatisfactory selection of equipments and tools to achieve desired objective.	<input type="checkbox"/> 0 – No use of equipments and tools leading towards major errors in the objective.
3.	Analysis & Results	<input type="checkbox"/> 4 – Appropriate data collected, correct analysis & results correctly interpreted.	<input type="checkbox"/> 3 – Appropriate data collected but insufficient analysis & results adequately interpreted.	<input type="checkbox"/> 2 – Inappropriate data collected but sufficient analysis & results inadequately interpreted.	<input type="checkbox"/> 1 – Inappropriate data collected, no understanding of analysis & results incorrectly interpreted.	<input type="checkbox"/> 0 – No data collected, analysis & results interpretation.
4.	Conclusions and Recommendations	<input type="checkbox"/> 4 – Significant findings are summarized. Precisely concluded. Excellent suggestion for further research.	<input type="checkbox"/> 3 – Significant findings are summarized. Good conclusion. Good suggestion for further research.	<input type="checkbox"/> 2 – Significant findings are summarized. Acceptable conclusion. Acceptable suggestion for further research.	<input type="checkbox"/> 1 – Findings are poorly summarized. Poor conclusion. Poor suggestion for further research.	<input type="checkbox"/> 0 – No findings are summarized. Poor conclusion. No suggestion for further research.
5.	Report Writing	<input type="checkbox"/> 4 – Report meets all requirements and it is prepared in original and creative way to engage readers.	<input type="checkbox"/> 3 – Report meets all prescribed requirements.	<input type="checkbox"/> 2 – The requirements of report writing are not properly addressed.	<input type="checkbox"/> 1 – The report submitted but not according to requirements.	<input type="checkbox"/> 0 – Report was not prepared or they have not required elements.

Marks Obtained = \_\_\_\_\_ out of **20**

Marks in final exam = \_\_\_\_\_ x 20/20 = \_\_\_\_\_

Teacher Signature with Date: \_\_\_\_\_