

Written Practical Assignments

Name: _____ Course: _____

Experiment: _____

Criteria/Marks	4 Excellent (10 – 8 marks)	3 Good (7 – 6 marks)	2 Satisfactory (5 – 4 marks)	1 Unsatisfactory (3 – 0 marks)	Score
Abstract	Well-developed concise statement of results and methods, including all major components of the practical activity with results. Competently written and clearly states conclusions of the experiment.	Abstract includes a concise statement of results and methods, including most of the aspects of the experiment, but some details are missing or the results and/or conclusions are not clearly stated.	Abstract misses one aspect of the experiment and/or results and/or conclusions. Overall the main aspects of the report are included and results are accurate.	A number of components of the experiment are missing. Student does not understand how to write an abstract. Results are not fully calculated and no conclusions are drawn.	
Notes:					
Theory	A cogent, competently written theory section that includes the appropriate scientific sources to provide context for the practical activity and uses explanation to detail the relevant scientific principles. Chemical reactions are clearly explained. Referencing of appropriate literature.	The theory is presented but it doesn't include appropriate scientific sources and it provides background for the practical activity and uses more description than explanation to detail the relevant scientific principles. Chemical reactions are explained. Referencing of appropriate literature is unclear.	The theory is presented but it doesn't include appropriate scientific sources and it provides limited background for the practical activity. The relevant scientific principles are listed and described. Chemical reactions are stated but not explained. Referencing of appropriate literature is unclear with some parts missing.	The theory lacks background and appropriate scientific sources. Chemical reactions are not stated. No references are given.	
Notes:					
Materials/ Methods	Well written method. All materials are listed. The method is written in a cogent, competent manner. The method should be clear to all who read it, including students' peers.	The method is well-written and all materials are listed. Peers are able to follow the method.	The method is described. Some of the materials are not listed. Peers can follow the method, however, there may be some gaps.	The method is not described and/or incorrect, peers are not able to follow it. Materials are not listed.	
Data	All figures, graphs, tables are accurately presented and contain titles and/or captions. The data section is well-organised and easy to understand. All calculations are completed accurately.	All figures, graphs, tables are mostly accurate and contain titles and/or captions with one omission. The data section is organised and easy to understand. All calculations are completed accurately.	Most of the figures, graphs, tables are accurate and contain titles and/or captions with more than one omission. The data section is organised. All calculations are completed accurately with some minor errors.	Figures, graphs, tables contain errors and/or are poorly constructed. Titles and/or captions are missing or incorrect. The calculations are incorrect.	
Notes:					