

Lab Report Grading Rubric: 50 points

Section & Max Points	Description of Expectation	Exemplary	Meets Reqs	Missing 1 req
Title (1pt)	The title is short and to the point and concisely conveys what the paper is about.	1	1	0.5
Abstract (4pts)	The abstract contains a well organized and written, concise and complete summary of the paper. Maximum 150 words.	4	3.5	3
Introduction (10pts)	Successfully establishes the scientific concept of the lab by providing clear and complete, pertinent background information on the subject from multiple sources.	5	4	3
	Effectively presents the objectives and purpose of the lab.	1	1	0.5
	A valid research question is provided in a logical manner.	1	1	0.5
	States hypotheses based on research question. Provides sound reasoning for the hypotheses.	2	1.5	1
	The writing is well organized and structured and contains no mechanical problems (e.g. spelling, grammar, punctuation).	1	1	0.5
Methods (8pts)	Gives enough details to allow for replication of entire procedure.	6	5	4
	The source of the protocol used for the study is provided with an appropriate citation.	1	1	0.5
	The writing is well organized & structured and contains no mechanical problems. Written in paragraph form.	1	1	0.5
Results (10pts)	Provides a logical, coherent summary of the findings in text format.	3	2.5	2
	Data is presented visually in tables and figures as appropriate (no raw data).	1	1	0.5
	Successfully integrates text and visual representations of the data. Tables and figures are logically located within the body of the results and are referred to within the text of the results.	3	2.5	2
	Format of tables and figures is correct (title, axes, legend, data analysis, etc)	2	1.5	1
	The writing is well organized and structured and contains no mechanical problems.	1	1	0.5
Discussion (10pts)	Opens with effective statements of support or rejection of each hypothesis.	1	1	0.5

	Backs up statements with references to appropriate findings (results).	3	2.5	2
	Provides sufficient and logical explanation for the statements (including comparisons to similar studies).	3	2.5	2
	Sources of Error and Future Studies.	2	1.5	1
	The writing is well organized and structured and contains no mechanical problems.	1	1	0.5
Outside References (1pt)	Information from a minimum of five outside sources (peer-reviewed) is included in the paper.	1	1	0.5
In-Text Citations (2pts)	Citations are included throughout the paper when appropriate.	1	1	0.5
	All citations are in the CSE name-year format.	1	1	0.5
Literature Cited (3pts)	The references are in the correct format.	2	2	1
	All references cited within the paper are included.	1	1	0.5
Format (1pt)	The report is typed in an appropriate font; section titles are included; pages are numbered.	1	1	0.5

Missing > 1 Req
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