Prelab Rubric

Name: ____________________

____ Prelab is typed. Handwritten prelabs will receive a 2pt deduction from prelab score.

____ Student has printed copy of lab (pdf downloaded from website). Not having a printed copy of the lab will result in a 2pt deduction from prelab score.

____ (3) **PurposeStatement.** Students have indicated, in their own words, that they understand the purpose of the lab at multiple levels. Students are able to draw connections between the objectives of the current lab and broader subjects and questions in biology. Students indicate understanding of the application of lab skills and content in the context of biological science. In other words, students grasp the “bigger picture” behind the specific lab exercise.

____ (3) **MethodsSummary.** Students have generated an original representation that indicates an understanding of the flow of the lab and proper sequence of important events. This may be represented as a model, flowchart, or series of ordered bullet points. The methods summary clearly and concisely answers the question, “what are we doing in this lab?”.

____ (2) **Q1.** What did you find was the most difficult or confusing aspect of the lab? Explain your answer. If nothing was difficult or confusing, what did you find the most interesting? Explain your answer.

____ (2) **Q2.** What additional information would you like to know before you begin today’s lab? Explain your answer.

____ (10) **Total.** Comments:

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**Grading Criteria:**

The Purpose and Methods Summary are each worth 3 pts and will be graded as follows:
3 – Student has met or exceeded the expectations defined in the prelab rubric.
2 – Student has met some to most of the expectations defined in the prelab rubric, but areas for improvement are noted.
1 – Student has met few, if any, of the expectations defined in the prelab rubric. There is significant room for improvement.
0 – Students failed to complete the required prelab element.

Questions 1 and 2 are each worth 2 pts, distributed as follows:
1 pt – Student provides a complete answer to the question posed.
1 pt – Student appropriately and adequately explains or provides a rationale for their answer to the question posed.