

| Student Name: | | | | | Student Number: | | | | |
|------------------------------|---|----------------------------|---|--------------|--|--------------|---|----|--|
| Grade Band | Introduction and Background (10%) | Experimental Method (20%) | Experimental Results (20%) | Design (30%) | Discussion and Conclusion (20%) | | | | |
| Excellent (85-100%) | The approach to the problem along with the necessary theory are expertly explained. | 10 | The methods are explained thoroughly enough that the results could be completely replicated. The experiments are well designed. | 20 | The design is elegant and simple, and meets the design criteria as closely as is possible. | 30 | The experiments and design have been evaluated thoroughly in light of relevant theory. Logical improvements are suggested. | 20 | |
| | | 9 | | 18 | | 27 | | 18 | |
| Very Good (75-85%) | The approach to the problem along with the necessary theory are explained. | 8 | The methods are explained thoroughly enough that the results could be mostly replicated. The experiments are well designed. | 16 | The design is not unnecessarily complex, and meets the design criteria well. | 24 | The experiments and design have been evaluated in light of relevant theory. Some improvements are suggested. | 16 | |
| Good (65-75%) | The approach to the problem along with the necessary theory are mostly explained, with only minor errors. | 7 | The methods are explained so that the results make sense. The experiments may only minor design flaws. | 14 | The design is shown to work well, but could be improved with some obvious simplifications. | 21 | The experiments and design have been evaluated in light of relevant theory, but with minor errors. Some improvements are suggested. | 14 | |
| Satisfactory (50-65%) | An explanation of the problem and theory has been genuinely attempted, but is weak, or contains some significant errors. | 6 | There has been a genuine attempt to describe the experiments, but the explanations lack clarity or the experiments have significant design flaws. | 12 | Your design somewhat meets the design criteria, or is unnecessarily complex. | 18 | There has been an attempt at an evaluation of the design and experiments, but it is weak or contains some significant errors. | 12 | |
| | | | | | | | | | |
| Poor (25-50%) | The approach to the problem along with the necessary theory are poorly explained, or have many major errors in the explanation. | 5 | The method description is insufficient to make sense of the results, or the experiments have major design flaws. | 10 | The results fail to illustrate the outcome of the experiment at all, or have major errors. | 15 | The evaluation of the design and experiments is poor, or has major errors in the explanation. | 10 | |
| | | 4 | | 8 | | 12 | | 8 | |
| | | 3 | | 6 | | 9 | | 6 | |
| Very Poor (0-25%) | The required sections are missing or have such gross errors as to be useless. | 2 | The required sections are missing or have such gross errors as to be useless. | 4 | The required sections are missing or have such gross errors as to be useless. | 6 | The required sections are missing or have such gross errors as to be useless. | 4 | |
| | | 1 | | 2 | | 3 | | 2 | |
| | | 0 | | 0 | | 0 | | 0 | |
| Final Mark: / 100 | | Comments: | | | | | | | |
| | | Marker's Signature: | | | | Date: | | | |