Experimental Design - C

**Team Name**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

* Do not change font size or section header
* Use the box under each section to enter your description, data or chart/pictures.
* You do not need to use all the provided pages if not needed. Leave the extra page as-is if so.
* You can extend the text box to the next page if needed.
* However, unnecessarily long reports may get deductions.

Part-I Procedure and Setup Diagrams

This section should only contain diagrams referenced to in Part-I submission on the scilympiad.com

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| --- |
| Description of Diagram (optional) |

Part-I Quantitative Data - Raw and Condensed Data Tables Only

This section should only contain tables referenced to in Part-I submission on the scilympiad.com

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| Description of Data Tables (optional) - You can use Google sheet or Excel, or picture of your hand-drawn table. |

# Part 2: Experimental Write Up

# Time: 30 minutes

# 

Graphs (Insert in box below your Excel or Google sheet graph, or picture of graph)

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Statistics Central Tendency and Variation with sample calculations

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Analysis & Interpretation of Data

|  |  |
| --- | --- |
| Statistics | |
| Claim | Font: Calibri 12 (replace this with your work) |
| Evidence |  |
| Reason |  |

|  |  |
| --- | --- |
| Outliers | |
| Claim | Font: Calibri 12 (replace this with your work) |
| Evidence |  |
| Reason |  |

Analysis & Interpretation of Data (Continued)

|  |  |
| --- | --- |
| Data Trend | |
| Claim | Font: Calibri 12 (replace this with your work) |
| Evidence |  |
| Reason |  |

Possible Experimental Errors

|  |  |  |
| --- | --- | --- |
| Data Trend | Specific Error Identified | Specific Effect on Results |
| Error 1 | Font: Calibri 12 (replace this with your work) |  |
| Error 2 |  |  |

Conclusion

|  |  |
| --- | --- |
| **Hypothesis Restated:** Font: Calibri 12 (replace this with your work) | |
| Hypothesis is Evaluated | |
| Claim  (acceptance or Rejection of Hypothesis) | Font: Calibri 12 (replace this with your work) |
| Evidence |  |
| Reason |  |

Recommendation for Future Experimentation

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Abstract

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