

Upper Penn State Q&A

Student name _____

I. Introduction (20% of total score)

- (20 pts) Relationship to previous work shown; relevant references; excellent.
- (15 pts) Relationship to previous work shown; some references; good effort.
- (10 pts) Background, but no references.
- (5 pts) Poor effort to put problem into context; no references.

II. Problem, Hypothesis, Objectives (10% of total score)

- (10 pts) Research question / Objectives / Hypothesis stated clearly.
- (5 pts) Research question / Objectives / Hypothesis not stated clearly, but evaluator can imagine what it is.

III. Materials and Methods (10% of total score)

- (10 pts) Relevant procedures are provided; data processing/statistical analysis described.
- (6 pts) Description of protocols overly simplified.
- (3 pts) Methods are poorly described or don't match the results presented.

IV. Results (25% of total score)

- (25 pts) Tables/graphs/images are clear and well-explained.
- (20 pts) Tables/graphs/images are good, but need better explanation.
- (10 pts) Tables/graphs/images are not clear and poorly explained.
- (5 pts) Poor presentation of results.

V. Discussion, Conclusions, Significance, Applications, Further Research (20% of total score)

- (20 pts) Correct conclusions are drawn; conclusions do not go beyond data presented; Significance, applications, further research are clearly stated; excellent work.
- (15 pts) Mostly correct conclusions are drawn; conclusions do not go beyond data presented; Significance, applications, further research are poorly stated but implicit; good effort.
- (10 pts) Some correct conclusions are drawn; Significance, applications, further research are poorly stated but implicit; average effort.
- (5 pts) Incorrect or no conclusions are drawn; Significance, applications, further research not stated; below average effort.

VI. Presentation (10% of total score): 10 pts. is Excellent; 2 pts. is Below Average.

- (10 pts) (8 pts) (6 pts) (4 pts)

Things to look for:

- * Presence of typos and other mistakes.
- * Redaction is correct and text can be easily read.
- * Good composition of the figures.
- * Writing is appropriate for interdisciplinary scientific readership.

VII. Report written in English (5% of total score; 5 pts. Is Excellent; 1 pt. is Below Average)

- (5 pts) Written clearly and fluently, using appropriate vocabulary.
- (3 pts) Written with grammatical errors that make understanding difficult. Uses mostly appropriate vocabulary.

Additional comments: