

## **GENERAL QUESTIONS THAT CAN BE ASKED TO STUDENTS DURING JUDGING**

- 1. How did you come up with the idea for this project?**
- 2. What did you learn from your background search?**
- 3. How long did it take you to build it (the apparatus)?**
- 4. How did you build it (the apparatus)?**
- 5. How much time (many days) did it take to run the experiments (grow the plants) (collect each data point)?**
- 6. How many times did you run the experiment with each configuration?**
- 7. How many experiment runs are represented by each data point on the chart?**
- 8. Did you take all data (run the experiment) under the same conditions, *e.g.*, at the same temperature (time of day) (lighting conditions)?**
- 9. How does it [your apparatus (equipment) (instrument)] work?**
- 10. What do you mean by (terminology or jargon used by the student)?**
- 11. Do you think there is an application in industry for this knowledge (technique)?**
- 12. Were there any books that helped you do your analysis (build your apparatus)?**
- 13. When did you start this project? or How much of the work did you do this year?**
- 14. What is the next experiment to do in continuing this study?**
- 15. Are there any areas that we not have covered which you feel are important?**
- 16. Do you have any questions for me?**
- 17. What is your independent variable? (For advanced level projects)**
- 18. What is your dependent variable? (For advanced level projects)**
- 19. What are the constants of your experiment? (For advanced level projects)**
- 20. What does the independent variable mean? (For advanced level projects)**
- 21. What does the dependent variable mean? (For advanced level projects)**
- 22. What does the constant mean? (For advanced level projects)**

**The best question is “I didn’t get it. Will you please explain it one more time?”**