**Experimental Testing of Vehicles**

Quiz #1:

1. What is the smallest absolute amount of change that can be detected by a measurement instrument?
2. Sensitivity
3. Resolution
4. Repeatability
5. Reproducibility
6. Which of these would indicate a bias error?
7. An error in the curve fitting.
8. An error resulting from an outright mistake.
9. The result of random fluctuations.
10. The results are consistently distorted in a direction due to nonrandom factors.
11. What is the process of applying a known input value into the measurement system in order to observe the output value of the system?
12. Derating
13. Calibration
14. Noise Rejection
15. Parameterization
16. What is an Extraneous Variable?
17. A variable that cannot be controlled during the or experiment but has an effect on the variable being measured.
18. A variable that can be held at a specific constant value or at an initial condition value.
19. Any variable that is able to change in a continuous manner.
20. A variable affected by the changes in one or more other variables.
21. Which unit would be used to specify noise rejection?
22. Decibels
23. Readings per second
24. Hertz
25. PPM