

## AP Statistics – Chapter 4 Test Outline

Multiple Choice (10 questions):

1. Making inferences.
2. Finding a sample from Random Digit Table
3. Identifying Sampling Techniques.
4. Principles of Experimental Design. Know why they are important!
5. Identifying Design of Experiment
6. Sampling Errors
7. Identifying treatment, experimental units, etc.
8. Lurking Variables/Confounding
9. Principles of Experimental Design. Know why they are important!
10. Making Inferences.

Free Response (3 questions - 10 total parts):

11. Experiment vs. Observation; Explanatory and Response Variables; Experimental Design; Meaning of “Significant”; Control
12. Blocking; Principles of Design; Explain a Design
13. Identifying and explaining bias