**AP PSYCHOLOGY 2022-23 September 8, 2022**

**Today’s Agenda (Day 17)**

1. HOMEWORK CHECK

🡪 ACTIVITY: Outrageous Celebrities

1. Class Activity:

🡪DAY 4: Unit 2 PPT Review

1. **Module 6 – Correlation and experimentation**
2. **Module 7 – Statistical reasoning in everyday life**
3. Module 8 – Frequently asked questions about psychology

 🡪DAY 2: Project Presentations – Outrageous Celebrities

HOMEWORK:

* READ: Unit 2 - Research Methods
* COMPLETE: Unit 2 Vocabulary
* STUDY: Unit 2 Vocabulary and Test

Unit 2: RESEARCH METHODS

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| --- | --- | --- | --- | --- | --- | --- | --- |
| case study | confounding variable | control group | correlation  | correlation coefficient | critical thinking | culture | debriefing |
| dependent variable | descriptive statistics | double-blind procedure | experiment | experimental group  | hindsight bias | histogram | hypothesis |
| illusory correlation | independent variable | inferential statistics | informed consent | mean | median | mode | naturalistic observation |
| normal curve | operational definition | placebo effect | population | random assignment | random sample | range | replication |
| sampling bias | scatterplot | skewed distribution | standard deviation  | statistical significance | survey | theory | validity |

REMINDERS:

* Unit 2 Vocabulary – Sept. 8
* **QUIZ: Unit 2 Vocabulary 🡪 Sept. 9**
* **TEST:** Unit 2 **🡪 ~~Sept. 12~~Sept 14**

 **AP PSYCHOLOGY 2022-23 CLASS REVIEW**

**Handout 4-1** - **Fact or Falsehood?**

**T F** 1. Human intuition is remarkably accurate and free from error.

**T F** 2. Most people seem to lack confidence in the accuracy of their beliefs.

**T F** 3. Often people think that psychological findings are common sense that people knew all along.

**T F** 4. Even in random strings of numbers or letters, patterns that seem unlikely actually emerge.

**T F** 5. Given the number of people who purchase lottery tickets, statisticians believe it is actually likely that somewhere, someone will win the lottery twice.

**T F** 6. Several psychics have been subjected to scientific tests of their abilities and found to possess real paranormal powers.

**Handout 4–3**

For each of the following questions, answer in terms of a range within which you expect the correct answer will almost certainly fall. Given a 98 percent confidence level, if you give answers between 100 and 200, for example, this would mean you think there is only a 2 percent chance that the real answer is either less than 100 or more than 200.

1. I feel 98 percent certain that the area of the United States is more than \_\_\_\_\_\_\_\_\_\_\_\_ square miles but less than \_\_\_\_\_\_\_\_\_\_\_\_ square miles.

1. I feel 98 percent certain that in 2014 the population of Australia was more than \_\_\_\_\_\_\_\_\_\_\_\_ but less than \_\_\_\_\_\_\_\_\_\_\_\_.

1. I feel 98 percent certain that the number of American battle deaths in the Spanish-American War was more than \_\_\_\_\_\_\_\_\_\_\_\_ but less than \_\_\_\_\_\_\_\_\_\_\_\_.

1. I feel 98 percent certain that in 2008 the number of female doctorates awarded in the United States in science and engineering was more than \_\_\_\_\_\_\_\_\_\_\_\_ but less than \_\_\_\_\_\_\_\_\_\_\_\_.

1. I feel 98 percent certain that in 2014 the number of operating nuclear plants in the world was more than \_\_\_\_\_\_\_\_\_\_\_\_ but less than \_\_\_\_\_\_\_\_\_\_\_\_.

**Handout 5-1 - Fact or Falsehood?**

**T F** 1. Theories are little more than educated guesses about how behavior works.

**T F** 2. There is little value in studying one person in depth over a period of time.

**T F** 3. It is important to study people or animals in their natural habitat since observing them often changes their behavior.

**T F** 4. The opinions of 1500 randomly selected people can provide a very accurate picture of the opinions of an entire nation.

**T F** 5. Answers to survey questions often depend on the ways the questions are asked.

**Handout 6-1 - Fact or Falsehood?**

**T F** 1. The scientific finding that depressed people tend to have low self-esteem proves that depression causes people to be down on themselves.

**T F** 2. It is not important to have a control group in an experiment.

**T F** 3. The more expensive the placebo, the more effective it seems to work.

**T F** 4. The purpose of the experiment is to re-create behaviors exactly as they occur in everyday life.

**T F** 5. A valid driving test would have the person drive a car to assess their ability to drive.

**Handout 7-1 - Fact or Falsehood?**

**T F** 1. In a normal distribution of scores, the mode, mean, and median scores may be the same number.

**T F** 2. If a distribution of scores has a few really high numbers and lots of very low numbers, the mean will be the measure that is most affected by the high scores.

**T F** 3. Averages based on many cases are more reliable than those based on few cases.

**Handout 8-1 - Fact or Falsehood?**

T F 1. Most laboratory experiments do a pretty good job simulating real life.

T F 2. Research studies conducted in the United States are easily generalizable to people in other cultures.

T F 3. Contrary to popular opinion, men and women often have the same responses to survey questions.

T F 4. Researchers can learn much about the behavior of people by studying non-human animals.

T F 5. There are very few ethical standards for working with non-human animals.

T F 6. Researchers must keep the participants informed that they are in a research study in order to have an ethical experiment.

T F 7. Psychological findings are free from values and personal judgments.