

QUIZ 1 Review: Chapters 1, 2, & 3 Psychology 311

Quiz contains: True/False, Multiple Choice, Short Answer, and Computations

To perform well, you need to understand the concepts we have discussed in class, as well as be able to apply the concepts to computations.

Here are some sample computations you should be able to perform:

1. Calculate each value requested for the following set of scores.

<u>X</u>	<u>Y</u>	a) ΣX	e) $\Sigma(Y - 2)^2$
6	-3	b) ΣY^2	f) ΣY
2	6	c) $\Sigma(X)^2$	g) $\Sigma X \Sigma Y$
0	1	d) $\Sigma X - 6$	h) ΣXY
4	-4		

2. Calculate each value requested for the following set of scores.

<u>X</u>	<u>f</u>	a) $\bar{X} =$ _____
20	2	b) Percentage of scores with X = 18: _____
19	7	c) Proportion associated with X = 20: _____
18	8	d) Median = _____
17	1	e) Mode = _____

You should also be able to...

- C Draw a histogram from raw data.
- C Identify scales of measurement
- C Identify the placement of mean, median, and mode in normal, and positively & negatively skewed distributions
- C Define and give examples of statistics/parameters, populations/samples, and independent/dependent variables

Finally, you should be very familiar with the formula and components for calculating a population and sample mean.

Please note: This study guide gives you an idea of what to expect on the quiz. It is not an exact replica, and all material covered in the chapters and in class is fair game.