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ASSIGNMENT

QUESTIONS;

1. What do you understand by hypothesis testing.
2. Differentiate between the critical and p-value approach for hypothesis testing.
3. What is the importance of hypothesis testing in research.

ANSWERS;

1. A Hypothesis testing may be defined simply as a statement about one or more population set up for the purpose of being discredited or approved.
2. Critical values are the values of the test statistic that separate the rejection and non-rejection regions. While p-value is a number that tells us how unusual our sample results are, given that the null hypothesis is true.
3. The importance of hypothesis testing is to assist administrators, clinicians and researchers in making wise decisions which usually depends on the statistical decision.