Assignment 5

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-03-06, 23:59 IST

1) Testing Ho: \( \mu = 25 \) against H1: \( \mu \neq 20 \) leads to:

- [ ] Left tailed test
- [ ] Right tailed test
- [ ] None of these
- [ ] Two tailed test

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Two tailed test

2) The alternative hypothesis is also called:

- [ ] Null hypothesis
- [ ] Statistical hypothesis
- [ ] Research hypothesis
- [ ] Simple hypothesis

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Research hypothesis

3) Statistical power depends on

- [ ] The alpha level set by the researcher
- [ ] The sample size
- [ ] The effect size
- [ ] All of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
5) Non parametric technique equivalent to one-way ANOVA is known as

- Mann-Whitney test
- Wilcoxon signed Rank test
- Kruskal Wallis Test
- Friedman's ANOVA

No, the answer is incorrect.
Score: 0
Accepted Answers:
Mann-Whitney test

6) Which of the following tests would be an example of a non parametric method?

- Z test
- T test
- Sign test
- All of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
Sign test

7) Type I error is also known as

- Beta
- Alpha
- Gamma
- None of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
Alpha

8) A collection of statistical methods that generally requires very few, if any assumptions about the population distribution is known as

- Parametric methods
- Non-Parametric methods
- Semi Parametric methods
- None of the above

No, the answer is incorrect.
Score: 0
9) The probability of rejecting the null hypothesis when it is true is called as

- Level of confidence
- Level of significance
- Power of a test
- None of these

No, the answer is incorrect.
Score: 0

10) Statistical Power is measured as a probability that equals

- $1 - \beta$
- $1 + \beta$
- $\beta$
- $1/\beta$

No, the answer is incorrect.
Score: 0

Accepted Answers:
- $1 - \beta$