Assignment 2

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-02-13, 23:59 IST.

1) The ..............is that value of an observation which occurs most frequently in the data set

☐ Mean
☐ Median
☐ Mode.
☐ Variance.

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

2) Find the mode from the following set of data: 5,6,13, 6, 19, 13, 6, 5

☐ 13.
☐ 5.
☐ 6.
☐ 19.

No, the answer is incorrect.
Score: 0
Accepted Answers:
6.

3) Which of the followings are the characteristics of the good hypothesis?

☐ Testability.
☐ Simplicity.
☐ Relevant.
Null hypothesis.
Alternate hypothesis.
Both null and alternate hypothesis.
None of the above.

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

5) The relationship between mean, median and mode in asymmetrical distribution is:

- Mode=3Mean-2Median.
- Median=3Mode-2Mean.
- Mean=3Median-2Mode.
- Mode=3Median-2Mean.

No, the answer is incorrect.
Score: 0
Accepted Answers:
Mode=3Median-2Mean.

6) The presence of rejection region at 'both tails' of the sampling distribution of the sample statistic is:

- Left tailed test.
- Right tailed test.
- Two tailed test.
- None of the above.

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

7) If a distribution is skewed to the left, then the magnitude of mean median and mode would be:

- Mean < Median < Mode.
- Mean > Median > Mode.
- Mean = Median = Mode.
- Mean < Median = Mode.

No, the answer is incorrect.
Score: 0
Accepted Answers:
Mean < Median < Mode.

8) .........................is the probability of committing Type I error.

- Level of importance.
- Level of significance.
- Level of benefit.
- Level of test.

No, the answer is incorrect.
9) Probability of rejecting null hypothesis when it is in fact false.
   
   - Type I error.
   - Type II error.
   - Power of test.
   - None of the above.

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Level of significance.

10) Standard deviation is the square root of:

   - Quartile deviation.
   - Inter-quartile range.
   - Variance.
   - Range.

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Power of test.
   Variance.