

PARUL UNIVERSITY
FACULTY OF SOCIAL WORK
MSW-HRM, Winter 2018-19 Examination

Semester: 3**Subject Code: 10202204****Subject Name: Research Analysis****Date: 29/10/2018****Time: 10:30 am to 1:00 pm****Total Marks: 60****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 A) Multiple Choice Questions:**(10)**

1. The collection of related fields that represents the responses from one sampling unit is called _____.
a) Record
b) Field
c) Data file
d) Character
2. There are _____ quartiles dividing the given data into _____ equal parts.
a) 4, 3
b) 3, 4
c) 25, 75
d) 75, 25
3. When the attributes can be rank ordered and the distances do not have meaning, it is _____ scale.
a) Nominal
b) Ordinal
c) Interval
d) Ratio
4. Methods of organizing, summarizing and presenting data in an informative way is called _____.
a) Descriptive statistics
b) Inferential statistics
5. Which of the following represent the relationship between mean, median and mode if the distribution of data points in a data set is moderately asymmetrical?
a) Mode = 3 Median – 2 Mean
b) Mean = 3 Mode – 2 Median
c) Median = 3 Mean – 2 Mode
d) Mode = 3 Mean – 2 Median
6. The ability of a scale or measuring instrument to measure what it is intended to measure is called _____.
a) Reliability
b) Validity
c) Generalizability
d) Sensitivity
7. _____ is the reciprocal of arithmetic average of the reciprocal of the values of its various items.
a) Geometric Mean
b) Harmonic Mean
c) Combined Mean
d) Weighted Mean
8. Which of the following is not the part of data processing?
a) Data editing
b) Data Coding
c) Data Classification
d) Data Interpretation
9. Null Hypothesis gets rejected when the value of test statistic is in the region of acceptance.
a) True
b) False
10. A set of data organized by summarizing the number of times a particular value of a variable occurs is called _____.
a) Percentage distribution
b) Probability distribution
c) Frequency distribution
d) Proportion

Q.1 B) What is data analysis? Why do we analyze data?**(05)****Q.2 A) Answer in one sentence.****(10)**

1. Define Alternative Hypothesis.
2. What is type I error?

3. What do you mean by level of significance?
4. What is field editing?
5. What is one tailed test and two tailed test?
6. What is a code book?
7. Define inferential statistics.
8. What is data tabulation?
9. State the sources of hypothesis.
10. What is data coding?

Q.2 B) Define the following terms. (05)

1. Statistics
2. Hypothesis

Q.3 A) State and explain the types of hypothesis. What are the criterias for construction of hypothesis? State the functions of hypothesis. (10)

OR

Q.3 A) Describe and discuss various parts of the research report format. (10)

Q.3 B) Discuss the factors affecting the decision of determining a sample size. (05)

Q.4 A) What is measurement? How do you identify and decide the variables to be measured? (10)

Q.4 B) What precautions should be taken by the researcher while presenting his research? (05)

OR

Q.4 B) What are the common myths of data analysis? (05)