

PARUL UNIVERSITY
FACULTY OF SOCIAL WORK
MSW-HRM, Winter 2017-18 Examination

Semester: 3

Subject Code: 10202204

Subject Name: Research Analysis

Date: 01-01-2018

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. Which of the following is not the positional average?
 - a) Mean
 - b) Median
 - c) Deciles
 - d) Quartile
2. The relationship between arithmetic mean, geometric mean and harmonic mean is _____ .
 - a) $A \times H = G^2$
 - b) $G \times H = A^2$
 - c) $G \times A = H^2$
 - d) $A^2 \times H^2 = G^2$
3. Larger the size of the population, larger should to be the size of sample.
 - a) True
 - b) False
4. _____ view in SPSS is used to enter the data & _____ view is used to define the type of information.
 - a) Data, Variable
 - b) Variable, Data
5. The process of assigning a numerical score or other characters or symbols to previously collected data is called _____.
 - a) Data editing
 - b) Data coding
 - c) Data analysis
 - d) Data Interpretation
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. There are in total _____ deciles dividing the series into _____ equal parts.
 - a) 10, 9
 - b) 100, 99
 - c) 9, 10
 - d) 99, 100
8. The median of the series 5,7,9,12,10,8,7,15,21 is _____.
 - a) 10
 - b) 9
 - c) 9.5
 - d) 10.5
9. The hypothesis when tested and found to be true, it becomes _____.
 - a) Proposition
 - b) Theory
 - c) Fact
 - d) Law
10. When distance between attributes has meaning it is _____ scale
 - a) Nominal
 - b) Ordinal
 - c) Ratio
 - d) Interval

Q.1 B) What is data coding? Why do we need to code the data?**(05)****Q.2 A) Answer in one sentence.****(10)**

1. Define Null Hypothesis.
2. What is critical region?
3. Define descriptive statistics.
4. What is data editing?
5. What do you mean by plug value?
6. What is a code book?
7. Define range

8. What is research report?

9. Define Mean

10. What is quartile?

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

1. Hypothesis

2. Measure of central tendency

Q.3 A) What do you mean by Data Processing? Why is it important? Discuss various forms of data processing. (10)

OR

Q.3 A) What do you mean by level of measurement? Why is it important? State and explain various scales of measurement giving appropriate examples. (10)

Q.3 B) What is the influence of population size on sample size? (05)

Q.4 A) Discuss on how one can organize the content of the report for preparing the final draft of research report. (10)

Q.4 B) How can you enter data into SPSS? (05)

OR

Q.4 B) What is the importance of research report writing? (05)