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(167)

Seat No.: \_\_\_\_\_

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SARDAR PATEL UNIVERSITY  
MSW- II semester (NC) - November 2017

Day: Thursday  
Date: 09/11/2017

Time: 2:00 P.M. to 5:00 P.M.  
Session: Evening

**Subject Title:** Social Work Research and Statistical Application

**Code:** PA02CMSW10

Total marks: 70

**Q-1 Multiple choice question (Attempt all) (10)**

- 1) Research that is done to understand an event from the past is known as \_\_\_\_  
a) Experimental research      b) Historical research  
c) Replication                    d) Archival research
- 2) In research, something that does not "vary" is called a \_\_\_\_\_.  
a) Variable   b) Method   c) Constant      d) Control group
- 3) An ordinal scale is used to rank order people, objects, or characteristics.  
a) True    b) False
- 4) Who introduced standard deviation in statistics?  
a) David Lane      b) Karl Pearson      c) Rensis Likert      d) None
- 5) Stratified sampling falls under:  
a) Probability sampling design      b) Non-Probability sampling design  
c) Multi stage sampling    d) None of these
- 6) The measure of location which is the most likely to be influenced by extreme values in the data set is the  
a) range      b) median      c) mode      d) mean
- 7) What symbol is used to represent chi-square?  
a)  $\Pi$       b)  $\chi^2$       c) R      d) F
- 8) Research in any organized inquiry carried out to provide information for solving problems.  
a) True      b) False
- 9) The mean value of the series 4,8,5,3,10 is \_\_\_\_  
a) 10      b) 5      c) 6      d) 12.5
- 10) Ideally, the research participant's identity is not known to the researcher. This is called:  
a) Anonymity      b) Confidentiality      c) Deception      d) Desensitizing

(1)

(P.T.O.)

Q-2 Define Sampling. Discuss types of Non probability sampling with illustration. (15)

OR

Q-2 Explain Steps of report writing in detail.

Q-3 Explain measures of central tendency in research. (15)

OR

Q-3 The distribution below gives the weights of 30 students of a class. Find the mean, median & mode value of weight of the students.

Weight (in kg)	40 – 45	45-50	50-55	55-60	60-65	65-70	70-75
Number of students	2	3	8	6	6	3	2

Q-4 Explain Meaning, Scope & Goals of Social work research. (15)

OR

Q-4 Explain Social work research process with suitable examples.

Q-5 Short notes (Any Two) (15)

1. Probability sampling methods
2. Likert Scale
3. Levels of Measurement
4. Chi-square test

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(2)