

DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK  
CENTRAL UNIVERSITY OF JAMMU  
END SEMESTER EXAMINATION  
Semester II (May 2016)

Roll No:

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Course No.: PGSSW2C003T

Max Marks: 100

Course Title: Research Methodology and Computer Applications

Time: 3 hrs

Section A contains 10 MCQs and all are compulsory.  $10 \times 1.5 = 15$

Section B contains 10 short answer questions of 8 marks each with internal choice.

Any 5 should be attempted.  $5 \times 8 = 40$

Section C contains 5 long answer questions of 15 Marks each. Any 3 should be attempted.  $3 \times 15 = 45$

SECTION A

1. Arrange the following as per proper sequence of social work research
  - A. Review of Literature
  - B. Analysis of Data
  - C. Research design
  - D. Conclusions
  - (a) A B C D
  - (b) A C B D
  - (c) B C A D
  - (d) A C D B
2. Select the odd one out in connection with the Qualitative research
  - (a) Variables are studied in depth
  - (b) Sampling methods are used
  - (c) Quantification of data is done
  - (d) Descriptive in nature
3. Select the type of research design which can be used in the given situation  
A study on assessing the effectiveness of play way as a method of learning amongst pre-primary school children.
  - (a) Descriptive
  - (b) Exploratory
  - (c) Experimental
  - (d) Case study
4. What are factual questions?
  - (a) Question about the opinion
  - (b) Question about the problems
  - (c) Question about the aptitude
  - (d) Question about the background information
5. What is the median value in the given example?

Class Interval	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	7	18	34	50	35	20	6

- (a) 34
- (b) 35.2
- (c) 34.5
- (d) 34.8

6. Calculate the mode in the given data:

14,31,43,16,15,23,43,16,14,14,16,15

- (a) 12
- (b) 16
- (c) 15
- (d) 14 and 16

7. Select the odd one out regarding focus group discussion-

- (a) The group is homogeneous
- (b) There is an agenda
- (c) A conflict resolution session
- (d) Provide detailed information and deep insight

8. Select the odd one out regarding participant observation-

- (a) Observation of natural behaviour
- (b) Involvement in the group
- (c) Acceptance as a member of the group
- (d) Controlled observation

9. SPSS helps us in which of the following-

- (a) creating graphical presentations of data
- (b) Exploring relationships between responses to different questions
- (c) Electronically storing the data
- (d) All of the above

10. STDEV.S in MS- Excel denotes:

- (a) the standard deviation of the given numbers, based on a sample
- (b) the variance of the given numbers, based on the population
- (c) the standard deviation of the given numbers, based on the population
- (d) the variance of the given numbers, based on a sample

## Section B

### Unit-I

1. Elucidate upon the nature and scope of social work research.

OR

2. Write short notes on the following:
  - a. Qualitative Research
  - b. Quantitative research

### Unit-II

3. What are the different methods of sampling?

OR

4. What are the different tools of data collection?

### Unit-III

5. Calculate Karl Pearson's Coefficient of correlation for the following data

Sl. No	Marks in English	Marks in Maths
1	40	42
2	26	29
3	70	66
4	32	24
5	52	58
6	30	28
7	48	46
8	48	50
9	42	44
10	62	66

OR

6. Explain the concept of t- test with a suitable example.

### Unit-IV

7. Write short notes on the following:
- Observation
  - In-Depth Interview

OR

8. Write short notes on the following:
- Focus group discussion
  - Case study

### Unit-V

9. Write short note on quantitative data analysis using SPSS.

OR

10. Write short note on quantitative data analysis using MS- Excel.

### Section C

- Discuss the types of Research employed in Social Work.
- Explain the different types of Research Designs used in Social Work.
- Describe various Measures of Central Tendency with the help of statistical equations.
- What is Participatory Action Research?
- Write brief notes on application of Computer for the following:
  - Coding of data
  - Data Entry
  - Statistical Results