

**D 70419**

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Name.....

Reg. No.....

**FIFTH SEMESTER B.S.W. DEGREE EXAMINATION, NOVEMBER 2019**

(CUCBCSS—UG)

B.S.W.

**BSW 5B 09—INTRODUCTION TO SOCIAL WORK RESEARCH AND STATISTICS**

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part I**

*Answer all questions.*

*Each question carries 1 mark.*

Choose the best answer from the following questions :

1. Extreme values affect :

- |           |                        |
|-----------|------------------------|
| (a) Mean. | (b) Median.            |
| (c) Mode. | (d) None of the above. |

2. Variance is a measure of ———.

- |               |                    |
|---------------|--------------------|
| (a) Unity.    | (b) Spread.        |
| (c) Totality. | (d) None of these. |

3. The most frequently occurring value in the data set is :

- |           |                         |
|-----------|-------------------------|
| (a) Mean. | (b) Median.             |
| (c) Mode. | (d) Standard deviation. |

4. Review of literature includes surveying :

- |                            |                           |
|----------------------------|---------------------------|
| (a) Conceptual literature. | (b) Empirical literature. |
| (c) Both.                  | (d) None of these.        |

5. Sampling in which one sample leads to further samples is known as ——— sampling.

- |                 |                    |
|-----------------|--------------------|
| (a) Accidental. | (b) Simple random. |
| (c) Interval.   | (d) Snowball.      |

**Turn over**

Fill in the blanks :

6. Pilot study is otherwise known as \_\_\_\_\_ study.
7. Researcher being free from personal bias and opinions is termed as \_\_\_\_\_.
8. Process of examining the collected raw data to detect and correct errors and omissions is known as \_\_\_\_\_.

(8 × 1 = 8 marks)

### Part II

*Answer any four questions.  
Each question carries 3 marks.*

9. Concepts and Variables.
10. Problem identification.
11. Operational definition of Concepts.
12. SPSS and its uses.
13. Tabulation of data and its uses.
14. Define Range. Find range of the following series :

(a) 20    24    34    48    56    72    85    93

(b) 0–10    10–20    20–30    30–40    40–50    50–60

(4 × 3 = 12 marks)

### Part III

*Answer any five questions.  
Each question carries 6 marks.*

15. Discuss the characteristic features of scientific method.
16. What are Quantitative and Qualitative researches ?
17. Describe the components of a research design.
18. Comment on the significance of methodology in research.
19. Describe graphic and diagrammatic presentation of data.

20. Write briefly on preparing Research Proposal and its relevance.
21. Find Spearman's Rank correlation coefficient for the following scores of batsmen in two matches.

Match I : 80 64 54 49 48 35 32 29 20 18 15 10

Match II : 36 38 39 41 27 43 45 52 51 42 40 52

(5 × 6 = 30 marks)

#### Part IV

*Answer any two questions.*

*Each question carries 15 marks.*

22. Give an overview of the research process.
23. Discuss the need and scope of social work research.
24. Find arithmetic mean of the following series :

C.I. : 10-20 20-30 30-40 40-50 50-60 60-70 70-80 80-90 90-100

$f$  : 5 8 12 20 18 14 9 4 3

(2 × 15 = 30 marks)