

**D 50919**

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Name.....

Reg. No.....

**FIFTH SEMESTER B.S.W. DEGREE EXAMINATION, NOVEMBER 2018**

(CUCBCSS—UG)

B.S.W.

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

(2014 Admissions)

Time : Three Hours

Maximum : 80 Marks

**Part A**

*All questions are compulsory.  
Each question carries 1 mark.*

1. APA stands for :
  - (a) American Psychological Association.
  - (b) American Psychiatric Association.
  - (c) American Psychosomatic Association.
  - (d) None of the above.
2. A good research is systematic, logical, empirical and \_\_\_\_\_.
  - (a) Intuitive.
  - (b) Intensive.
  - (c) Replicable.
  - (d) Exploratory.
3. Data from journal articles are \_\_\_\_\_.
  - (a) Primary data.
  - (b) Secondary data.
  - (c) Tertiary data.
  - (d) None of the above.
4. Median is the \_\_\_\_\_.
  - (a) Most occurring value in observation.
  - (b) Average of all observations.
  - (c) Multiples of all observations.
  - (d) Midpoint of all observations distributed sequentially.
5. The difference between the values of extreme items in a series is termed as \_\_\_\_\_.
  - (a) Arithmetic mean.
  - (b) Standard deviation.
  - (c) Quartile deviation.
  - (d) Range.

**Turn over**

6. A research design will not explain \_\_\_\_\_.  
(a) What the study is about.  
(b) Where the study will be conducted.  
(c) The expected outcome.  
(d) The type of data required.
7. The extent to which a researcher is free from personal bias is referred to as :  
(a) Subjectivity. (c) Objectivity.  
(b) Standardisation. (d) Reliability.
8. The probability of the side 4 turning up in a throw of a die is \_\_\_\_\_.  
(a) One-fourth. (c) One- sixth.  
(b) One-fifth. (d) One-eight.

(8 × 1 = 8 marks)

### Part B (Short Answer Questions)

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

9. Research methodology.  
10. Variables.  
11. Hypothesis.  
12. Non-probability sampling.  
13. Write about any three limitation of statistics.  
14. List out the measures of central tendency.

(4 × 3 = 12 marks)

### Part C (Short Essay Questions)

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

15. Write short notes on the measures of dispersion.  
16. What are the components of research report?  
17. Draw histogram and pie chart for the given data  
A - 65, B - 90, C - 75, D - 55, E - 40, F - 35.  
18. What are the steps in testing a hypothesis ?

19. What are the different methods of data collection ?
20. Briefly describe two statistical tests and its relevance.
21. Differentiate between validity and reliability and the various sub-types.

(5 × 6 = 30 marks)

**PART D (Essay Questions)**

*Answer any **two** questions.  
Each question carries 15 marks.*

22. Describe and illustrate with suitable examples the various types of sampling designs.
23. What are the various diagrammatic representation of data? Illustrate with suitable diagrams.
24. Design a research proposal based on a problem identified from your field.
25. Calculate Pearson's co-efficient of correlation for the following data

X :	57	58	59	59	60	61	62	64
Y :	67	68	65	68	72	72	69	71

(2 × 15 = 30 marks)