

2013

MSW Part I

SOCIAL WORK RESEARCH & STATISTICAL METHODS

PAPER—VII

Full Marks : 100

Time : 4 Hours

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Use separate answer books for each Half.

First Half

Answer any five questions.

1. (a) Define Research.
- (b) State the difference between social science research and social work research. 2+8
2. (a) What is Hypothesis ?
- (b) Briefly discuss the characteristics of a sound hypothesis.
- (c) Differentiate between primary data and secondary data. 2+4+4

(Turn Over)

3. What is social survey ? Illustrate the types of survey used in social work research. 2+8
4. (a) Define Sampling.
(b) What are the different types of probability and non-probability sampling ?
(c) Discuss any one types of either probability or non-probability sampling. 2+2+6
5. (a) Define Research Design.
(b) Briefly discuss the steps involved in the research process. 2+8
6. What are the methods of data collection ? You have been asked to conduct a study on 'Socio-economic status of street children'. Frame an interview schedule comprising of at least ten (10) questions regarding the problem. 4+6
7. Write short notes on any *two* of the following : 5+5
(a) Demerits of Questionnaire method.
(b) Pilot Study.
(c) Observation as a tool of data collection.
(d) Data analysis.

Second Half

Answer any *five* questions.

1. (a) Define tabulation. State the different parts of a table. 2+3
- (b) What do you mean by class-intervals, class-limits and class boundaries of a frequency distribution? 5
2. (a) What are the requirements of a good average? Discuss them with reference to mean, median and mode. 3+4
- (b) Name the different measures of dispersion. 3
3. (a) Find the arithmetic mean of the following distribution: 5

Weight (Kg.)	40- 44	45- 49	50- 54	55- 59	60- 64
No. of persons	17	25	30	20	8

- (b) Find the standard deviation for the following frequency distribution :

Family size	2	3	4	5	6	7
Frequency	9	20	30	17	10	4

4. Define Co-rrrelation co-efficient. Calculate the co-rrrelation co-efficient of the following : 3+7

X :	104	110	112	114	120
Y :	106	116	140	175	173

5. What is sampling ? What are the advantages of sampling ?
Define random sampling. 2+6+2
6. (a) What are the merits and demerits of graphical presentation of data ? 5
- (b) What is a bar diagram ? How would you draw a bar diagram ? 2+3
7. Answer any *two* of the following : 5+5
- (i) Methods of collection of primary data ;
- (ii) Histogram ;
- (iii) Questionnaire ;
- (iv) Population and Sample.
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