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Reg. No. : ....

Name : ....

Second Semester M.S.W. Degree Examination, August 2011
SW 224 : SOCIAL WORK RESEARCH AND STATISTICS

Time: 3 Hours

Max. Marks: 75

PART – I

Answer **any 5** questions. **Each** answer carries **6** marks. **Each** answer should not exceed **300** words.

1. What is scientific attitude in research ? What are the agencies promoting social work research in India ?

2. What are the different types of variables ? Explain operationalisation of variables, using an example.

3. Describe graphic and diagrammatic presentation of data.

4. Explain the characteristics of a sound hypothesis. What are the steps in testing a hypothesis ?

5. Write a note on the functions, uses and limitations of statistics.

6. What is scaling ? Describe the levels of measurement.

7. The result of school children's motivation is given below. Find out the mean and standard deviation.

Motivation score :	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60
No. of children :	20	40	50	30	10

8. Find range and coefficient of range

Size	:	5	8	10	12	25	30	38
Frequency :		2	3	8	10	9	3	2

(5×6=30 Marks)

P.T.O.

PART – II

Answer **any 3** questions. **Each** question carries **15** marks. **Each** answer should not exceed **1200** words.

9. What are the different components of a research report ?

10. Describe the types of sampling with examples.

11. Prepare a research proposal to study women empowerment through self help groups.

12. 200 digits were chosen at random from a set of tables. The frequencies of the digits were;

Digit	:	0	1	2	3	4	5	6	7	8	9
Frequency	:	18	19	23	21	16	25	22	20	21	15

    Calculate x^2.

13. Calculate coefficient of quartile deviation for the following data :

Years of experience :	4 – 8	8 – 12	12 – 16	16 – 20	20 – 24
No. of workers :	20	40	60	30	10

                                                                    (3×15=45 Marks)

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