

Reg. No

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K4003

Name

SECOND SEMESTER M.S.W. DEGREE EXAMINATION
MAY / JUNE- 2006

S.W.224 – SOCIAL WORK RESEARCH AND STATISTICS

Time: 3 Hours

Max. Marks: 75

Part – I

Answer any five questions. Each question carries 6 marks.

Each answer should not exceed 300 words.

1. Define social work research. Discuss the importance of social research as a subject to social work profession.
2. Explain the significance of using scientific method for the study of social phenomena.
3. What is research design? Explain any one design.
4. Explain the case study method in social research.
5. What is scaling? Explain any one technique of sealing.
6. Explain clearly the relationship between mean, median and mode.
7. What is meant by correlations? Distinguish between positive, negative and zero correlation.
8. In an anti – malaria campaign in a certain area, quinine was administered to 812 persons out of a total population of 3248. The number of fever cases is shown below. Discuss the usefulness of quinine in checking malaria.

Treatment	Fever	No Fever
Quinine	20	792
No quinine	220	2216.

(5 x 6 = 30 Marks)

Part – II

Answer any three questions. Each question carries 15 marks.

Each answer should not exceed 1200 words.

9. Describe the various steps / stages involved in a research process.
10. Discuss the methods and sources of collection of data for social work research.
11. What is sampling? Examine the different types of sampling method.
12. a) Describe briefly the guiding principles for the graphic presentation of the data.

- b) The following table shows the age distribution of persons in a particular region.

Age (years)	<10	<20	<30	<40	<50	<60	<70	>70
No. of persons (in thousands)	2	5	9	12	14	15	15.5	15.6

13. a) Give some important applications of the chi – square distribution in testing hypothesis.

- b) Two horses A & B were tested accordingly to the time in seconds to run a particular track with the following result.

HORSE A	28	30	32	33	33	29	34
HORSE B	29	30	30	24	27	29	

Test whether you can discriminate between the two horses. (Note that test at 5% level).

(3 x 15 = 45 Marks)