

Reg. No.....

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Name.....

SECOND SEMESTER M.S.W. DEGREE EXAMINATION, JULY/AUGUST 2004

S.W. 224—SOCIAL WORK RESEARCH AND STATISTICS

Time : Three Hours

Maximum : 75 Marks

Part I

Answer any **five** questions within 300 words each.

1. Explain the significance of social research in the modern times.
2. What is sampling ? Explain probability sampling.
3. Differentiate dependent variable from independent variable.
4. Bring out the differences between Questionnaire and Interview schedule.
5. Explain the different sources of data used in social work research.
6. What is meant by measures of dispersion ? Explain *three* measures of dispersion.
7. Use of computer facilitates Research work. Comment.
8. Calculate the standard deviation and its co-efficient from the following data :

Size	Frequency
0—10	7
10—20	10
20—30	18
30—40	12
40—50	3

(5 × 6 = 30 marks)

Part II

Answer any **three** questions within 1200 words each.

9. Explain with illustration the use of diagrammatic and graphic representation of data in social research.
10. Discuss the use of scaling techniques in social research.
11. What is meant by Research Design ? Explain any *two* types in detail.
12. Prepare a research proposal to study the psycho-social dynamics of AIDS patients.

Turn over

13. The following data pertains to 200 persons observed by doctors :

Whether cancer patient	Heavy smokers No. of Respon.	Non-Smokers No. of Respon.
Yes	60	30
No	40	70

where a chi-square value of 3.841 is significant at 0.05 level, find out whether cancer is significantly associated with smoking.

(3 x 15 = 45 marks)

Size	Frequency
0-10	7
10-20	10
20-30	18
30-40	12
40-50	3

(3 x 6 = 30 marks)

Part II

Answer any three questions within 1200 words each.

- Explain with illustration the use of diagrammatic and graphic representation of data in social research.
- Discuss the use of scaling techniques in social research.
- What is meant by Research Design? Explain any two types in detail.
- Prepare a research proposal to study the psycho-social dynamics of AIDS patients.

Turn over