

B.Sc. MEDICAL SOCIOLOGY
SECOND YEAR
PAPER IV – SOCIAL RESEARCH

Q.P. Code: 802254

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Discuss various methods of data collection.
2. Discuss the various sampling techniques used in Social Research.
3. Find the association between the socioeconomic status and place of treatment for common ailments using the following data (5% Table value for reference = 3.84).

Socioeconomic status	General hospital	Private Practice	Total
High	10	40	50
Middle	50	100	150
Total	60	140	200

II. Write notes on:

(8 x 5 = 40)

1. Criteria for selection of tools.
2. Sample size and its determination.
3. Cross sectional and longitudinal study.
4. Measures of central tendency.
5. Calculate measures of central tendency for 1, 8, 6, 9, 10, 3, 6, 2, 3, 5.
6. Criteria for selecting research problem.
7. Testing of hypothesis.
8. Role of statistics in preventive medicine.

III. Short answers on:

(10 x 3 = 30)

1. Tabulation of data.
2. Qualitative and quantitative variables.
3. Role of statistics in Preventive Medicine.
4. Pie Diagram.
5. If mean is 50 and standard deviation is 25, calculate coefficient of variation.
6. Types of Variables.
7. Box Plot.
8. Find the mean, median and mode for the data: 33, 44, 55, 66, 55, 77, 88, 888 and 999.
9. Bar Chart.
10. Histogram.
