

[LG 0215]

FEBRUARY 2015

Sub.Code :2217

**B.Sc. MEDICAL SOCIOLOGY
SECOND YEAR**

PAPER VII – BIOSTATISTICS

Q.P. Code : 802217

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Explain in detail the applications of Statistics in Medicine.
2. Describe the steps involved in Testing of Hypothesis.
3. Elaborate on the diagrammatic representation of Data.

II. Write notes on:

(8 x 5 = 40)

1. Types of Observations.
2. Type 1 and Type 2 Errors.
3. Estimation.
4. Demerits of Statistics.
5. Formulation of Frequency Distribution.
6. Experimental Setting.
7. Functions of Statistics.
8. Types of Data recorded in routine Clinical Practice.

III. Short Answers on:

(10 x 3 = 30)

1. Box Whisker Plot.
2. Bio Statistics.
3. Hypothesis.
4. Scales of Measurements.
5. Structure of a Table.
6. Point Estimates.
7. Confidence Intervals.
8. P Value.
9. Areas of Application of Statistics.
10. Class Intervals and Class Limits.
