

**DIPLOMA IN MEDICAL RECORD SCIENCE
FRIST YEAR
PAPER III – GENERAL STATISTICS AND BIOSTATISTICS**

Q.P. Code: 841303

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. What are Methods of Sampling?
2. What are the procedure for the test of significant for small samples?
3. What are the Diagrammatic presentation of data?

II. Write notes on:

(8 x 5 = 40)

1. Explain simple random sampling.
2. Scatter Diagram.
3. What are the uses of Hospital Statistics?
4. Explain Poisson distribution.
5. What are the important rates of Hospital Statistics?
6. What are the uses of Arithmetic Mean?
7. Explain Inter Quartiles.
8. Find out the Mean Height of the Students:

Age:	10 -12	12-14	14-16	16-18	18-20
Height	138	140	142	144	146
9. Find the Median for the following data

Age	10 -12	12-14	14-16	16-18	18-20
Hemoglobin:	11	12	13	14	12

 Find the Mode

Age	10 -12	12-14	14-16	16-18	18-20
Hemoglobin:	11	12	13	14	12

III. Short answers on:

(10 x 3 = 30)

1. Define frequency.
2. Define probability.
3. Define Sample.
4. Define Range.
5. Define Population.
6. Define Chi-square Test.
7. Write any two important Hospital Terms.
8. Define Maternal Mortality Rate.
9. Define Bed Occupancy Rate.
10. Define Frequency Polygon.