

[LF 0212]

AUGUST 2014

Sub.Code :1303

**DIPLOMA IN MEDICAL RECORD SCIENCE
FIRST YEAR
PAPER III – GENERAL STATISTICS & BIostatISTICS**

Q.P. Code: 841303

Time: Three hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3x10=30)

1. Discuss about the common measures of central tendency.
2. What are the sources of hospital statistics and bring out their limitations?
3. Describe the characteristics of Normal Distribution.

II. Write notes on:

(10x5=50)

1. Bring out differences between Bar Diagram and Histogram.
2. Show the main features of Frequency Polygon and Frequency Curve.
3. Write on three measures of variation.
4. What is addition theorem of Probability? Give an example.
5. Write about simple random sampling.
6. List the procedures for test of significance?
7. How will you determine correlation between two variables?
8. How is the test for Association done?
9. Define Hospital Statistics and two important Hospital Terms.
10. How will you analyse Hospital Services?

III. Short answers on:

(10x2=20)

1. Define Statistics.
2. What is grouped data?
3. What is Line diagram?
4. Define Probability.
5. Define Population.
6. Draw a scatter diagram.
7. Write a linear regression equation.
8. How is Null Hypothesis stated?
9. Interpret correlation coefficient.
10. Define Bed Occupation Rate
