

[LH 0815]

AUGUST 2015

Sub. Code: 1711

BACHELOR OF MEDICAL RECORD SCIENCE
(Candidates admitted form 2010-2011 onwards)

SECOND YEAR

PAPER I – BIOSTATISTICS AND HOSPITAL STATISTICS

Q.P. Code : 801711

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Find the co-efficient of linear correlation for the following data obtained from 5 staff:

Experience (yrs):	5	2	3	4	1
No. of Mistakes:	1	2	4	3	5

2. Explain the rates and ratios used in hospital statistics.
3. Explain the steps in research process.

II. Write notes on:

(8 x 5 = 40)

1. Uses of measures of central tendency.
2. Methods of data collection.
3. Properties of normal distribution.
4. Uses of sampling techniques.
5. Uses of regression equations.
6. Uses of vital statistics.
7. Uses of hospital statistics.
8. Purpose of clinical research.

III. Short answers on:

(10 x 3 = 30)

1. Definition of mode.
2. Definition of co-efficient of variation.
3. Definition of standard error.
4. Types of linear correlation.
5. Definition of probability.
6. Uses of regression equations.
7. Procedure of large sample test of significance.
8. Advantage of sampling.
9. Preparation of annual hospital reports.
10. Uses of chi-square test.
