00856

B.Sc. IN MEDICAL RECORD SCIENCE AND HEALTH INFORMATION TECHNOLOGY (BMRHIT)

Term-End Examination

December, 2012

BAHI-026 : BASICS OF STATISTICS, BIO-STATISTICS AND HOSPITAL STATISTICS

Time : 3 hours   *Maximum Marks : 70*

Note :   *Answer all questions.*

1. (a) What is dispersion ?   3+2+10=15

   (b) What are the measures of dispersion ?

   (c) Calculate the measures of dispersion for the following set of Pulse rates of 10 boys.

   70, 74, 80, 84, 72, 86, 90, 80, 78, 76.

2. Write short notes on *any four* of the following :

   (a) Measures of central tendency   4x10=40

   (b) Presentation of data

   (c) Correlation and Regression

   (d) Statistical Hypothesis Testing

   (e) Construction of a frequency distribution table of raw data.

   (f) Simple random sampling and stratified random sampling.

   (g) Sources of Hospital statistics.

3. Write in brief on *any three* of the following :

    (a) Scatter diagram.   5x3=15

    (b) Cumulative frequency distribution.

    (c) Bar diagram

    (d) Systemic sampling plan

    (e) Chi - square Test.