

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

29800
00867

Term-End Examination

June, 2013

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

Time : 3 hours

Maximum Marks : 70

Note : *Answer all questions.*

1. (a) Explain briefly the three measures of central tendency. 5+10=15
(b) Calculate the mean , mode , median and standard deviation for the following blood serum cholesterol levels of 10 persons.
240, 260, 290, 245, 255, 288, 272, 263, 277, 250.

2. Write short notes on *any four* of the following : 4x10=40
 - (a) Methods of collection of data
 - (b) Graphical representation of data
 - (c) Frequency distribution
 - (d) Measures of variability
 - (e) Correlation and Regression
 - (f) t-test
 - (g) Probability distribution

3. Write in brief on *any three* of the following : $5 \times 3 = 15$
- (a) Bed occupancy rate in hospitals
 - (b) Pie diagram
 - (c) Cluster sampling
 - (d) Standard Error of an estimate
 - (e) Confidence interval and confidence limits.
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