

**B.Sc. IN RADIATION THERAPY TECHNOLOGY
(BRTT)**

Term-End Examination

December, 2015

**BAHI-045 : BASICS OF RESEARCH
METHODOLOGY AND BIO-STATISTICS**

Time : 3 hours

Maximum Marks : 70

Note : *PART-A : Attempt any five questions. Each question carries 8 marks.*

PART-B : Consists of one question which is compulsory. It carries 30 marks.

PART - A

1. Define statistics and its uses in Medical Science. **2+6=8**
2. What are the sampling criteria ? Describe in details. **8**
3. Describe Compilation in details. **8**
4. What is the tests of Significance ? **8**
5. Describe the Validity and Reliability of Instrument. **8**
6. Imagine the Data for the investigation of IVP and derive the various interpretation. **8**
7. Describe the Utilization of Research findings for group of patients undergone Mammography. **8**

8. Write a critical review of published research for a group of patients undergone BMFT (Barium Meal Follow Thro). 8

PART - B

9. Write short notes on **any five** of the following : **5×6=30**
- (a) Difference between Qualitative and Quantitative Designs.
 - (b) Population.
 - (c) Summarization.
 - (d) Mean, Mode, Median and Standard Deviation.
 - (e) Co-efficient of Correlation.
 - (f) Presentation of a data collected for any investigation of your choice.
 - (g) Statistical Packages and its Application.
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