B.Sc. IN RADIATION THERAPY TECHNOLOGY (BRTT)

Term-End Examination

June, 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. Describe Bio-Statistics and its Application.   **3+5=8**

2. What are the methods of sampling ?   **8**

3. Describe the Tabular Representation with example.   **8**

4. What are the advantages of Diagrammatic and Graphic Presentation of Data ?   **4+4=8**

5. What are the Data Collection Instruments ? Describe one of them.   **4+4=8**

6. Describe the factors which affect the sampling procedure.   **8**

7. Describe the data collection procedure.   **8**

PART - B

8. Write short notes on **any five** of the following :

    (a)   Types of Research   **6**

    (b)   Sampling Criteria   **6**

    (c)   Utilization of Research Findings   **6**

    (d)   Pilot Study   **6**

    (e)   Prepare a Frequency Distribution of the   **6** following data of number of seeds in a bean pond.

2	11	6	4	18	1	9	2	2	15
8	16	12	11	17	3	3	5	3	7
11	9	5	16	16	16	4	9	5	7
4	10	4	4	15	15	5	5	11	18
5	10	9	8	7	7	2	6	13	1

    (f)   Advantage of using the Random Sample.   **6**

    (g)   Meaning of Mean, Mode, Median and   **6** Standard Deviation.

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