

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

Term-End Examination

June, 2015

**BAHI-039 : RADIOTHERAPY PROCESS AND
CONVENTIONAL TECHNIQUES**

Time : 3 hours

Maximum Marks : 70

PART-A

Write short notes on any six of the following. Each carries 5 marks.

5x6=30

1. Simulator Equipment
2. Image Guided Radiotherapy
3. Styroform Cutting Device
4. Multileaf Collimators
5. Importance of Consent form for RT
6. SAD and SSD Techniques
7. Dose Volume Histogram
8. Beam Modifying Devices
9. Electron Beam Therapy

PART-B

Answer **any four** questions. Each carries **10** marks.

10x4=40

1. Describe the RT Technique of Ca-Nasopharynx using Co-60 machine.
 2. Describe Isodose curves and its properties.
 3. Describe the types of Brachytherapy.
 4. Describe the RT Technique of Ca-Breast.
 5. Describe the RT Technique of Ca-Bladder.
 6. Describe the RT Technique of Astrocytoma grade III.
 7. Describe the Quality Assurance Tests of cobalt unit.
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