

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

**Term-End Examination**

**December, 2014**

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

*Time : 3 hours*

*Maximum Marks : 70*

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**PART-A**

Write short notes on *any six* of the following. Each carries 5 marks : **6x5=30**

1. Describe the various types of wedges used in Radiotherapy.
2. Importance of LASERS in your department.
3. How will you do the immobilization for the patient under RT ?
4. Tissue compensator.
5. Advantage of CT-simulation.
6. Skin Sparing Effects.
7. Difference between 2-D and 3-D planning.
8. Treatment planning system.
9. Informed consent of Radiotherapy.

## PART-B

Answer **any four** questions. Each carries **10** marks. **4x10=40**

1. Describe the RT technique of Ca-Larynx.
  2. Describe Bone Tumours.
  3. Describe the Intracavitary therapy. And how will you do the RT Treatment for Ca-Cervix III B.
  4. Compare the Isodose curves of Co-60 beam, 6 MV and 10 MV x-rays.
  5. Describe the RT Technique of Ca-Maxillary Antrum.
  6. Describe the Intraluminal therapy. How you will treat ca-middle 1/3 rd oesophagus.
  7. IMRT
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