

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

Term-End Examination

December, 2013

**BAHI-042 : RADIOTHERAPY PROCESS - II AND
ADVANCED TECHNIQUES**

Time : 3 hours

Maximum Marks : 70

PART - A

Answer **any five** questions. Each carries **8** marks.

1. Describe the treatment technique for carcinoma larynx and reaction during the treatment. **5x8=40**
2. What are the signs and symptoms of Breast cancer and Describe the technique for treatment of carcinoma Lt. Breast with linac.
3. Explain about Brachy therapy for :
(a) Carcinoma cervix ICRT application.
(b) Carcinoma oesophagus middle 1/3 (ILRT)
4. Explain how will you manage the 4 year old boy who has come for prophalatic RT after chemo therapy in the case of accute lymphoid leukamia ?
5. Describe the technique for Carcinoma bladder and what all the reactions expected during and after Radiotherapy Treatment ?

6. How will you prepare :
 - (a) Wax build up.
 - (b) Vaginal mould.
 - (c) Ray cast for pituitary adenoma.

7. Mention the difference between HDR, MDR, and LDR.

8. Describe the treatment technique for carcinoma cervix with para aortic lymphadenopathy ?

PART- B

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

Each carries six marks :

5x6=30

- (a) TNM classification for Ca Breast.
 - (b) Osteosarcoma
 - (c) Pallative Radiotherapy.
 - (d) Radiosensitizer.
 - (e) Ray cast.
 - (f) Low melting allowy.
 - (g) TBI
 - (h) Isodose chart.
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