

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

Term-End Examination

December, 2015

BAHI-037 : CLINICAL ONCOLOGY

Time : 3 hours

Maximum Marks : 70

Note : *Attempt any six questions. Questions No. 8 is compulsory.*

1. Describe the treatment technique used for Medulloblastoma. 8

2. What are the radiation reactions observed during the treatment of Head and Neck tumours and explain how they can be managed ? 8

3. Describe the Radiotherapy technique used for the treatment of carcinoma of breast. 8

4. Write in detail about the Intracavitary treatment used for treating carcinoma of cervix. 8

5. Describe the radiotherapy treatment technique used for treating upper 1/3 of carcinoma of Oesophagus and mention the precautions to be taken while setting the patient. 6+2=8

6. Discuss the detection and treatment of carcinoma of prostate. 3+5=8
7. Write the advantages of using respiratory gated Radiotherapy technique for the treatment of Carcinoma of lung and explain the procedure in detail. 3+5=8
8. Write short notes on **any five** of the following.
Each note carries 6 marks : 6x5=30
- (a) Skin cancer treatment with electron beam.
 - (b) Wilm's tumour treatment technique.
 - (c) Radiation reaction in oral cavity during Radiotherapy and its management.
 - (d) Total body Irradiation technique.
 - (e) Treatment technique for Seminoma.
 - (f) Treatment of Pituitary tumours.
 - (g) Brachytherapy for the treatment of Carcinoma of buccal mucosa.
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