

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

Term-End Examination

June, 2015

BAHI-037 : CLINICAL ONCOLOGY

Time : 3 hours

Maximum Marks : 70

PART - A

Answer any five questions. Each carries 8 marks. 8x5=40

1. Describe the advantages and disadvantages of conventional radiotherapy versus IMRT in the treatment of carcinoma cervix.
2. Discuss the role of radiotherapy in the management of carcinoma of tongue.
3. Write the signs and symptoms of carcinoma breast.
4. Explain the treatment of carcinoma urinary bladder by radiotherapy. What is bladder protocol ?
5. Classify the bone tumors. Write down the treatment modalities in detail.

6. Write in detail about the techniques of radiotherapy in Wilm's Tumor.
7. What is respiratory gated radiation therapy ?
How is it useful in carcinoma lung ?

PART - B (Short notes)

8. Write short notes on **any five** of the following.
Each carries 6 marks : **6x5=30**
 - (a) Carcinoma Vocal Cord.
 - (b) Brachytherapy in carcinoma of tongue.
 - (c) Management of carcinoma of anal canal by radiotherapy.
 - (d) Management of lowgrade CNS tumors.
 - (e) Gleason's grading in carcinoma prostate.
 - (f) Radiation toxicity in Gastrointestinal malignancies.
 - (g) Prophylactic cranial irradiation.
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