

**M.D. DEGREE EXAMINATION  
BRANCH IX – RADIO THERAPY**

**PAPER III – CLINICAL PRACTICE AND TECHNIQUE OF  
RADIOTHERAPY**

*Q.P.Code: 202037*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the management of Differentiated Thyroid cancer and anaplastic thyroid cancer.
2. Discuss Oncologic emergencies and their management by radiation.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Describe the role of radiation in the management of secondary neck nodes.
2. Describe the management of Ependymoma.
3. Integral Dose.
4. Describe the management of Medulloblastoma.
5. Biological basis of Chemoradiation.
6. Describe the management of second malignancy in the pelvis in a case of carcinoma cervix treated with radiation.
7. Describe the management of Ewing's sarcoma.
8. Image based Brachytherapy.
9. Describe the significance of sentinel node biopsy.
10. Describe the management of Solitary Plasmacytoma.

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