

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

**PAPER IV – CANCER CHEMOTHERAPY AND RECENT DEVELOPMENTS
IN CLINICAL ONCOLOGY AND RADIOTHERAPY**

Q.P.Code: 202038

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the steps involved in 3D Conformal Radiation Therapy (3D CRT) for carcinoma of left breast.
2. Discuss various radiotherapy techniques for treatment of Pituitary Adenoma with suitable diagram.

II. Write notes on:

(10 x 7 = 70)

1. Management of carcinoma vagina FIGO stage III B.
2. Bevacizumab.
3. Carcino Embryonic Antigen (CEA).
4. WHO step ladder in pain management.
5. Biological therapy in Metastatic Renal Cell Carcinoma.
6. Discuss the rationale for hyperfractionated radiotherapy in head and neck cancers.
7. Stereotactic Body Radiotherapy (SBRT).
8. IMRT (Intensity Modulated Radiation Therapy) and Brachytherapy. Friends or Foes - Discuss.
9. Kimura's Disease.
10. Role of Radiotherapy in Breast conservative surgery.
