

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. Etiology, signs and symptoms, management of stage 3 nasopharyngeal carcinoma. Role of IMRT in nasopharyngeal carcinoma.
2. Epidemiology, staging and prognostic factors in carcinoma cervix. Describe in detail conventional and advanced treatment technique in carcinoma stage IIIB.

II. Write notes on:

(10 x 7 = 70)

1. Organ preservation in cancer larynx.
2. Carcinoma in-situ; ductal or lobular in breast –management.
3. Particle beam therapy.
4. Tyrosine kinase inhibitors.
5. Management of metastatic prostate cancer.
6. Management of recurrent pleomorphic adenoma.
7. Gemcitabine.
8. Radiation proctitis.
9. Immunotherapy in clinical practice.
10. Radioactive iodine therapy.
