

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 staging and evaluation of carcinoma anal canal. Discuss the various radiotherapy technique.
2. A young adult male with carcinoma tongue anterior 2/3 T2N0 M0. Discuss the role of external beam radiotherapy and brachytherapy.

II. Write notes on:

(10 x 7 = 70)

1. Inverse planning.
2. Systems of implant dosimetry.
3. Chemoradiation in carcinoma nasopharynx.
4. Basal cell carcinoma management.
5. Tumour markers in gynaecological malignancies.
6. Role of PET scan in oncological practice.
7. Management of glioblastoma multiforme.
8. Methods of contour in treatment planning.
9. Role of radiotherapy carcinoma prostate.
10. Define sensitivity, specificity and predictive value of a cancer screening test. Discuss screening programme for cancer breast.
