

PAPER CODE: 1077

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA– 506 002

M.D/ M.S DEGREE EXAMINATIONS: OCTOBER 2025

RADIATION ONCOLOGY

PAPER – III

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

10 X 10 = 100

1. Discuss the management of T3 N2 M0 Breast Cancer in a Postmenopausal Female.
2. Discuss the Indications and techniques of Intravascular Brachytherapy.
3. A) General principles of cancer pain management.
B) Management and Interventions for– i) Bone Pain.
ii) Nerve Pain.
4. Total skin electron therapy with regard to indication, radio therapeutic techniques and complications.
5. Compare the role of Preoperative Vs Postoperative Chemo Radiotherapy in locally advanced carcinoma Rectum with regard to Rationale advantages and disadvantages and evidence from important Trails.
6. A) Mention the various predictive and prognostic molecular biomarkers for non-small Cell carcinoma.
B) Role of targeted therapies in the management of locally advanced and Metastatic non-small Cell carcinoma.
7. Describe the management of case of Carcinoma of anterior 2/3 of the tongue stage cT3 N0 M0.
8. Define “Palliative Care”. What are the main aims and how is it achieved?
9. Discuss the management of SVC Obstruction Syndrome.
10. Discuss the pathology of carcinoma in situ of Cervix and its management.
