

PAPER CODE: 1076

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MARCH, 2026

RADIATION ONCOLOGY (RT)

PAPER – II

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. Technique, role, dose and toxicities of radiotherapy in the management of Wilms' tumour.
2. Ideal line of management of a case of carcinoma hypopharynx with post-cricoid extension and with an N3 node.
3. Hormonal management of prostatic cancer.
4. Workup and management of a clinical solitary lesion involving the sphenoid bone, labelled as plasmacytoma.
5. Indications, techniques, dose schedule and principles of organ shielding for total body irradiation.
6. Underlying concept, technique and current applications of sentinel node biopsy in solid organ malignancies.
7. Recent advances in management of malignant melanoma.
8. Role of radiotherapy in Non-Small Cell Lung Cancer (NSCLC) in radical, post-operative and palliative setting.
9. Technique, indications and clinical evidence of extremely hypo fractioned radiotherapy for management of breast cancer.
10. Role, Principles, Challenges and Schedules of re-irradiation for recurrent head and neck cancers.
