

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MAY,2025

RADIATION ONCOLOGY (RT)

PAPER – III

(PRINCIPLES AND PRACTICE OF RADIOTHERAPY)

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write a short essay on the following:

10 X 10 = 100

1. Indications, techniques and dose schedules of Craniospinal Irradiation.
2. Management strategies for cervical Carcinoma-in –Situ.
3. 3D Conformal Radiotherapy technique, treatment volume and dos of radiotherapy for unresectable head of Pancreas Cancer.
4. What is the ideal line of management for T₂ lesion with positive nodes in Anal Canal Cancer?
5. Write a note on radiation induced Pneumonitis with special reference to underlying mechanism risk factors and management.
6. Role of metastectomy in patients presenting with Oligo- Metastasis gastrointestinal carcinomas.
7. Principles, indications and clinical scenarios for use of Immune Check points inhibitors.
8. Indication and techniques and benefits of Oophorectomy in premenopausal Breast Cancer.
9. Rationale, advantage, clinical evidence and Pitfalls regarding use of Induction chemotherapy followed by chemo radiation in loco regionally advanced Head and Neck Cancers.
10. Role of SBRT in management of HCC.
