

QP Code: 104117

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Radiation
Oncology (MD) November 2025**

Paper IV - Recent Development in Clinical Oncology

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Describe the role of molecular markers in adult diffuse low-grade and high-grade glioma (10+10)

Short essays: (8x10=80)

2. Discuss the impact of HPV vaccination in your community
3. Discuss the role of re-irradiation for local recurrence in head and neck cancers
4. What are the prevention and management strategies for radionecrosis of the brain (5+5)
5. Describe the strategies and evidence for stereotactic ablative body radiotherapy in renal cell carcinoma (5+5)
6. Discuss the role of radiotherapy in benign disease
7. Discuss the role of Durvalumab in lung cancers
8. Describe the various trials of Total Neoadjuvant Treatment in rectal cancers
9. Discuss the chemotherapeutic drugs causing peripheral neuropathy. How will you manage treatment-induced peripheral neuropathy (7+3)
