

**QP Code:104511**

**Reg. No.:.....**

**M.Ch. (Surgical Oncology) Degree Regular/Supplementary  
Examinations December 2025**

**Paper IV – Recent Advances in Surgical 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. Write in detail about Proton therapy, it's principles, indications and present status in oncology

**Short essays: (8x10=80)**

2. PARP inhibitors
3. Hypo fractionation in post mastectomy radiation
4. Tyrosine kinase inhibitors
5. BRAF mutation in melanoma
6. Onco- fertility
7. Molecular tumour profiling
8. Robotic surgery for thyroid cancers
9. Survivorship program in oncology

\*\*\*\*\*