

QP Code:101511

Reg. No.:.....

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

Paper I – Basic Sciences

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 in detail the various molecular diagnostic methods for detection of mutation in cancer

Short essays: (8x10=80)

2. Applications of narrow band imaging in oncology
3. Briefly describe the physical factors associated with carcinogenesis
4. Discuss the rationale for concurrent chemoradiation
5. Paclitaxel- mechanism of action, toxicity and indications
6. Briefly describe the management options in women at high risk of developing breast cancer
7. Time-to-event outcome measures in oncology trials
8. Complications of central vascular access catheters and management
9. Liquid biopsy and clinical applications in cancer
