

Q P Code: 101514

Reg. No.:.....

**D.M. (Medical Oncology) Degree Supplementary Examinations
October 2025**

Paper I – Basic Science in Medical 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. Enumerate and discuss about the hallmarks of cancer

Short essays: (8x10=80)

2. Genomic microarray
3. Tumor microenvironment
4. Discuss about meta-analysis
5. Hazard ratio and Kaplan Meir survival curve in statistics
6. Physical factors in carcinogenesis
7. Screening in breast cancer
8. Role of obesity in cancer
9. Staging laparotomy and robotic surgery in cancer
