

**Q P Code: 101514**

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

**D.M. (Medical Oncology) Degree Supplementary Examinations  
June 2026**

**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. Cancer risks associated with BRCA 1 and BRCA2 mutations. Risk – reduction  
Recommendations for carriers of BRCA 1 and BRCA2 mutations.

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

2. Chemotherapy induced Anemia management.
3. Epstein Barr virus associated Lympho proliferative disorders.
4. Applications of Next Generation Sequencing (NGS) to Oncology.
5. Carfilzomib.
6. Carcinogens in the Tobacco products and process of Cancer Development.
7. Tumor Angiogenesis.
8. Cancer prevention strategies in India for Cervical cancer.
9. CDK 4/6 inhibitors.

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