

QP Code: 101521

Reg. No:

**M.Ch (Gynaecological Oncology) Degree Supplementary
Examinations October 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. How do you optimise a patient diagnosed with advanced ovarian cancer for cytoreductive surgery. What are the post operative complication of cytoreductive surgeries and how do you manage.

Short essays: (8x10=80)

2. Role of next generation sequencing in cancer management.
3. Mechanism of apoptosis.
4. Describe various risk factors for uterine corpus cancer. What are the preventive measures.
5. Genetic counselling.
6. Alterations in signal transduction pathways in malignant transformation.
7. Autonomic nerve supply to pelvic viscera and its significance.
8. Describe epigenetics in cancer.
9. Cancer risk associated with BRCA mutation. Risk reduction recommended for these mutations.
