

QP Code: 101521

Reg. No: .....

**M.Ch (Gynaecological Oncology) Degree Supplementary  
Examinations June 2024**

**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 does radiotherapy destroy cancer cells. What is the biological rationale behind the use of concurrent radiotherapy and chemotherapy. Why some tumours respond to radiotherapy and others do not. (7+7+6)

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

2. Prolonged use of prophylactic antibiotic in the postoperative period is harmful. Discuss.
3. Describe the course and the branches of the femoral artery in the femoral triangle.
4. Discuss the role of IHC in the diagnosis of cervical intra-epithelial neoplasia.
5. What are the parameters in an MRI scan to determine the appropriateness of selecting a patient with cervical cancer for surgery.
6. Describe platinum sensitive, refractory and resistant epithelial ovarian cancers.
7. What are the additional advantages of vaccination against cervical cancer.
8. Describe stage III cancer of the uterine cervix. How do you assign stage in cervical cancer. (5+5)
9. Discuss the mismatch repair proteins that are important in the management of endometrial cancer.

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