

M.Ch (Gynaecological Oncology) Degree Regular/Supplementary Examinations April 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. What are the common causes of hypokalaemia in a patient who has undergone advanced gynaecological cancer surgery. How will you manage postoperative fluid requirement in a patient who is unable to take orally after surgery. How do you manage hypokalaemia and hyperkalaemia in such patients. (4+8+8)

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

2. What are the types of surgical site infections. What steps will you take to prevent SSI in a patient undergoing cytoreductive surgery. (2+8)
3. Describe the surgical anatomy of the female perineum including the muscles, the blood supply and the lymphatic drainage.
4. How will you differentiate between endocervical adenocarcinoma from endometrial adenocarcinoma extending to the cervix by histology and immunohistochemistry.
5. What imaging modality will you prefer prior to selecting patients for primary cytoreductive surgery for epithelial ovarian cancer and why.
6. Write a short note on the newer anticoagulants. Discuss peri-operative thrombo-prophylactic strategies of your institute. (5+5)
7. Do you think a single dose of HPV vaccine is a reasonable approach for the global prevention of cervical cancer. Justify your answer.
8. Describe risk categorization of endometrial cancer.
9. Briefly describe Homologous Recombination Repair Deficiency and its implication in the treatment of advanced epithelial ovarian cancer.
