

**LONG ESSAY (These questions carry 10 marks each)**

**10 x 10 = 100 Marks**

1. Describe mechanism of DNA repair. Role of PARP inhibitors.
2. Describe briefly the PORTEC 3 and DESKTIOP 3 trials and their outcomes.
3. Describe the role and technique of HIPEC in ovarian cancer.
4. Discuss tumor angiogenesis and role of antiangiogenic agents in ovarian carcinoma.
5. What is FDG-PED scan? And Describe the evolving role of PET scan in Gynaecological malignancies.
6. What are the recent advances in HPV vaccines and their clinical implications?
7. Role of Robotic and laparoscopic surgery in endometrial and cervical cancer.
8. What is the role of Neoadjuvant chemotherapy in the management of cervical carcinoma?
9. Sentinel node sampling in vulval carcinoma.
10. Fertility preservation in Gynaecological cancer patients.

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