LONG ESSAY (These questions carry 10 marks each)

 $10 \times 10 = 100 \text{ Marks}$

- 1. Autonomic nerve supply to pelvic viscera.
- 2. What is forest plot and how to read a forest plot?
- 3. Describe the cell cycle and alteration that happens in a cancer cell cycle.
- 4. Discuss the biological basis of antiangiogenesis.
- 5. What are the cancer risks associated with BRCA1 and BRCA2 mutations? Describe the risk reduction recommendation for carriers of BRCA1 and BRCA2 mutations.
- 6. Describe the proposed mechanism of carcinogenesis in metabolic syndrome and the strategies to reduce cancer risk in Metabolic syndrome.
- 7. Mechanism of the therapeutic synergism of concurrent chemoradiation.
- 8. Discuss the management of premalignant vulvar disorders.
- 9. Role of colposcopy in the management of abnormal cytology.
- 10. What are the causes of persistent low of hCG and how will you evaluate?

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