

Rajiv Gandhi University of Health Sciences, Karnataka

M.Ch. Degree Examination – 11-Dec-2019

Time: Three Hours**Max. Marks: 100 Marks**

GYNECOLOGICAL ONCOLOGY - PAPER – I

Screening and Basic Sciences Pertaining to Gynecologic Oncology

QP Code: 9376

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions.

LONG ESSAY (These questions carry 10 marks each)**10 x 10 = 100 Marks**

1. Discuss the role of molecular markers in cervical cancer screening.
2. Explain in brief the molecular alterations involved in cancer pathogenesis.
3. Discuss hereditary Breast ovarian cancer syndrome.
4. What are the types of epithelial ovarian cancer and there molecular basis? What are the germ line mutations which have been implicated?
5. Describe the various phases of clinical trials.
6. Factors influencing the risk of persistence of HPV infection and progression of CIN.
7. How will you follow up a case of vesicular mole? Discuss the role of chemotherapy and surgery in these cases.
8. Describe mechanism of DNA repair. Role of PARP inhibitors.
9. What are the risk factors for uterine corpus cancer? What are the preventive measures?
10. Role of colony stimulating factors in prevention of bone marrow suppression.

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