

Rajiv Gandhi University of Health Sciences

D.M Degree Examination – JULY-2018

Time: Three Hours**Max. Marks: 100 Marks****Medical Oncology - PAPER – I****Basic Sciences including Cancer Biology, Tumour Immunology, Etiology, Pharmacology, Radiation Biology and Tumour Pathology****QP Code: 9121**

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. Biology of tumour metastasis
2. Mechanisms of Tyrosine kinase inhibitor resistance – describe with examples
3. BEAF inhibitors
4. Microsatellite instability
5. Principles of Cyberknife treatment and indications
6. Sentinel node biopsy
7. Cancer susceptibility syndromes
8. Viruses causing cancer
9. Role of Immunohistochemistry in a case of cancer of unknown primary
10. Circulating tumor cells

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