

# Rajiv Gandhi University of Health Sciences

**D.M Degree Examination – JULY 2016**

**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. Molecular pathways and genesis of Head and Neck cancers
2. List out potential carcinogens in Tobacco and strategies to overcome their effect
3. Write note on cancer Registries in India.
4. Role of PET Scan in lung Cancer
5. Biological modification cancer chemotherapy to enhance their efficacy
6. Ibrutinib
7. Write briefly on the angiogenesis and list anti angiogenic agents and potential adverse effects.
8. Role of Radiotherapy in Osteogenic Sarcoma
9. Write briefly on the Histopathology of RMS and Molecular Biology.
10. Vaccines in Cancer prevention

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