

# Rajiv Gandhi University of Health Sciences, Karnataka

## D.M. Degree Examination – 13-Dec-2019

**Time: Three Hours****Max. Marks: 100 Marks****PAEDIATRIC ONCOLOGY****PAPER – II: Principles of chemotherapy and pharmacology, targeted therapeutics, tumor pathology, radiation biology, cancer surgery****QP Code: 9857**

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. Small molecule pathway inhibitors and their therapeutic applications in paediatric cancers
2. Technical basis of Radiation therapy
3. Spindle cell tumors of childhood
4. Area under Curve
5. Drug Resistance
6. 13-Cis-retinoic acid
7. Nephron sparing surgery
8. Blastic plasmacytoid dendritic cell tumor
9. Alkylating agents
10. Radiation effects on normal human tissues

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