

Rajiv Gandhi University of Health Sciences, Karnataka

D.M. Degree Examination – 11-Dec-2019

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

PAPER – I: Basic Sciences, includes Cancer Biology, Molecular and genetic basis of childhood cancer, Tumour Immunology and cancer etiology
QP Code: 9856

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. Ubiquitin-Proteasome System and the abnormalities in childhood cancers
2. Monoclonal Antibody Therapy in Cancer
3. Chimeric Antigen Receptor T Cell therapy
4. Normal cell cycle and its regulation
5. Next generation sequencing
6. BCR-ABL1 like ALL
7. Hemihypertrophy and malignancy
8. Constitutional Mismatch Repair Deficiency Syndrome
9. Malignancies in Neurofibromatosis
10. Anticancer apoptotic strategies

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