

Rajiv Gandhi University of Health Sciences

Post-Graduate Fellowship Examination – FEB-2019

Time: Three Hours

Max. Marks: 100 Marks

ONCOPATHOLOGY - PAPER – I

QP Code: F063

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY (These questions carry 20 marks each)

2 X 20 = 40 Marks

1. Discuss the molecular pathways and significance in malignancy of Epithelial Mesenchymal Transition (EMT).
2. Discuss the pathogenesis of colorectal carcinoma.

SHORT ESSAY (These questions carry 10 marks each)

6 X 10 = 60 Marks

3. Fluorescent in situ hybridization
4. Molecular grading of astrocytomas
5. Cancer registry
6. The telomere in cancer
7. Reverse Transcriptase – Polymerase Chain Reaction (RT-PCR)
8. Role of frozen section examination and intraoperative cytology as intraoperative consultation

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