

Rajiv Gandhi University of Health Sciences

Post-Graduate Fellowship Examination – JULY-2019

Time: Three Hours

Max. Marks: 100 Marks

Advance Technology in Radiation Oncology - PAPER – I

QP Code: F017

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. Case selection and dose optimization in SBRT for hepato-celluar carcinoma
2. Scope of errors and their prevention in high precision radiotherapy

SHORT ESSAY (These questions carry 10 marks each)

6 X 10 = 60 Marks

3. Applications of hyperfractionation
4. Ring applicator vs tandem with ovoids
5. Clinical applications extended SSD
6. Flattening filter free mode in LINAC
7. Role of radiotherapy for germ cell tumours
8. Factors affecting skin dose

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