

Rajiv Gandhi University of Health Sciences

Post-Graduate Fellowship Examination – FEB-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. Describe staging of Hodgkin's lymphoma. Role of Radiotherapy in stage – IB Hodgkin's lymphoma.
2. Describe the staging of carcinoma cervix, management of Carcinoma cervix stage IIIB.

SHORT ESSAY (These questions carry 10 marks each)**6 X 10 = 60 Marks**

3. Explain the L-Q model with reference to α/β -3 and α/β -10.
4. What are techniques used in motion management in Breast cancer treatment?
5. Role of SBRT in pancreatic tumors
6. Enhance dynamic wedge
7. Role of transdermal patches in pain management
8. Role of fiducials in image guidance

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