

Rajiv Gandhi University of Health Sciences

Post-Graduate Fellowship Examination – FEB-2019

Time: Three Hours

Max. Marks: 100 Marks

Brachytherapy - PAPER – II **QP Code: F016**

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 role of Brachytherapy in breast cancer.
2. Describe in detail the planning of a Brachytherapy facility. Who are the key personnel in a Brachytherapy facility and what is their role? Outline the regulatory requirement to be obtained for such a facility in Karnataka.

SHORT ESSAY (These questions carry 10 marks each)

6 X 10 = 60 Marks

3. Describe the indications and techniques used in prostate Brachytherapy. Describe any one in detail.
4. What is the role for Brachytherapy in a Soft tissue sarcoma of an extremity? Describe the recommendations, technique and implementation.
5. Discuss the indications for Brachytherapy in Head and Neck cancers. Describe any two techniques with examples.
6. Describe Sealed and unsealed sources and discuss their uses.
7. Write a short essay on ICRU 58.
8. Write a short essay on Remote after loading systems.

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