

QP Code:104117

Reg. No.:.....

PG Degree Examinations in Radiotherapy (MD) April 2018

Paper IV - Recent Development in Clinical Oncology

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essay:

(20)

1. What are various types of intensity modulated radiotherapy and discuss about merits and demerits of each. Explain in detail about inverse planning.

Short essays:

(8x10=80)

2. Vaccines in oncology
3. Gene therapy
4. Stereotactic body radiation therapy(SBRT).
5. Heavy particle radiation
6. Image fusion in radiotherapy
7. Role of radiotherapy in Ca ovary and various techniques
8. AIDS related malignancies
9. Cranio Spinal Irradiation- Role and technique
