

QP Code: 104117

Reg. No.:.....

PG Degree Examinations in Radiotherapy (MD) April 2019

Paper IV - Recent Development in Clinical Oncology

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Enumerate the stereotactic irradiation methods. Describe a robotic radiosurgery system (Cyber knife). Discuss the merits and demerits of robotic radiosurgery with gamma knife

Short essays:

(8x10=80)

2. Discuss networking in radiotherapy
3. Respiratory synchronized radiotherapy
4. Organ preservation in larynx
5. Image guided brachytherapy
6. Trigeminal neuralgia
7. Boron neutron capture therapy
8. Discuss treatment modalities in management of localized HCC
9. Role of radiotherapy in limb preservation in paediatric sarcomas
