

QP Code:103117

Reg. No.:.....

**PG Degree Supplementary Examinations in Radiotherapy (MD)
October 2019**

Paper III - Clinical Oncology & Cancer Chemotherapy

Time: 3 hrs

Max marks:100

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

Essay: (20)

1. Discuss the role of neoadjuvant chemotherapy in locally advanced head and neck squamous cell cancer along with available literature. Discuss the role of targeted therapy concurrently with radiation in head and neck cancer.

Short essays: (8x10=80)

2. Management for squamous cell anal canal cancer
3. Enumerate immunotherapy targets and drugs used in malignant melanoma
4. Enumerate all the skeletal related events (SRE) in oncology. Discuss various dose fractionation schedules for radiotherapy in SRE
5. Chemoprevention
6. Role of opioids in pain management
7. Castration resistant prostate cancer.
8. Management of craniopharyngioma
9. Management of invasive thymoma
