

QP Code:103117

Reg. No.:.....

**PG Degree Supplementary Examinations in Radiotherapy (MD)
October 2018**

Paper III - Clinical Oncology & Cancer Chemotherapy

Time: 3 hrs

Max marks:100

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

Essay: (20)

1. Discuss in detail the radio sensitizing effect of various chemotherapeutic drugs.
Explain the radio biology principles and rationale of concurrent chemo-radiation.
Discuss the timing and sequencing of chemotherapy with radiation therapy.

Short essays: (8x10=80)

2. Hyperthermia and chemo-radiation therapy
3. Hormone therapy in cancer prostate and its sequencing with radiation therapy.
4. Cetuximab and nimotuzumab
5. Chemotherapy induced neutropenia
6. Management of Hodgkins disease
7. Management of seminoma testis
8. Oral 5 FU
9. HPV vaccine
