

QP Code:103117

Reg.No.:.....

**PG Degree Supplementary Examinations in Radiotherapy (MD) -
November 2017**

Paper III - Clinical Oncology & Cancer Chemotherapy

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. A 16 years old boy from north east part of India presenting with epistaxis, following evaluation diagnosed to have undifferentiated carcinoma nasopharynx T₃N₂M₀. Discuss the management.

Short essays:

(8x10=80)

2. Management of locally advanced triple negative breast cancer.
3. Discuss the anatomy, pathology and treatment options in carcinoma of rectum.
4. Biological therapy in metastatic renal cell carcinoma
5. Management of primary CNS lymphoma.
6. Discuss the rationale in combining irradiation with chemotherapy in clinical oncological practice.
7. Gemcitabine – mechanism of action, indications, side effects
8. HPV and oropharyngeal cancers
9. Informed consent in regular practice and in clinical trials.
