

QP Code:103117

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Radiotherapy
(MD) May 2021**

Paper III - Clinical Oncology & Cancer Chemotherapy

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Discuss the role of neoadjuvant chemo and hormonal therapy in oligo-metastatic adenocarcinoma of prostate along with available literature. Discuss the role and techniques of hypo fractionated radiation therapy in carcinoma prostate.

Short essays:

(8x10=80)

2. Management of adenocarcinoma of rectum.
3. Enumerate the targeted therapies in adenocarcinoma of lung.
4. Management of localized hepatocellular carcinoma.
5. Role of adaptive radiation therapy in locally advanced head and neck cancer.
6. Hormonal therapy in carcinoma of breast.
7. Role of radiation therapy in benign tumors.
8. Management of brain metastases.
9. Role of image guided brachytherapy in carcinoma cervix.
