

QP Code: 102117

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Radiotherapy
(MD) June 2020**

Paper II - General Principles and Clinical Practice of Radiotherapy

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 in detail the management of oesophageal cancer with special emphasis on indications for radiation and various radiotherapy (RT) techniques.

Short essays:

(8x10=80)

2. ICRU 58
3. Tomotherapy- rationale and clinical application
4. Non sealed radionuclide therapy – physical characteristics and indications
5. Radiotherapy in Wilms tumour – dose schedules and RT volumes
6. Hemi body irradiation – principles and clinical indications
7. HIV associated malignancies. Role of RT in CNS lymphoma
8. Accelerated partial breast irradiation - principles and techniques
9. Radiation late effects on CNS
