

QP Code: 102117

Reg. No.:.....

**PG Degree Supplementary Examinations in Radiotherapy (MD)
November 2021**

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 with evidences about the role of altered fractionation in radiation treatment of head and neck cancers.

Short essays:

(8x10=80)

2. Principles of combining Radiotherapy and Chemotherapy
3. Management of Spinal cord compression
4. Role of PET scan in oncological management
5. Staging and management of Rhabdomyosarcoma
6. Organ preservation strategies in the management of urinary bladder cancers
7. Low energy sources for Brachytherapy
8. Molecular classification of Medulloblastoma
9. Radioactive Iodine therapy for Thyroid malignancies
