

QP Code:102117

Reg. No.:.....

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

Paper II - General Principles and Clinical Practice of Radiotherapy

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Discuss the role and technique of permanent interstitial brachytherapy and IMRT (intensity modulated radiation therapy) in carcinoma prostate.

Short essays:

(8x10=80)

2. Role of radiotherapy in acute lymphoblastic leukaemia.
3. Role of immunohistochemistry in breast cancer with its implications on management.
4. RTOG toxicity grading of acute side effects of head and neck radiotherapy. List the management of grade III mucositis.
5. Indications and technique of post-operative radiotherapy in carcinoma of stomach.
6. Discuss the role of radiotherapy in Wilm's tumour along with technique and dose prescription.
7. Discuss management of localized soft tissue sarcoma of thigh.
8. Discuss the techniques of radiotherapy for craniopharyngioma.
9. Management of T₂N₁M₀ limited stage small cell carcinoma of lung.
