

QP Code:102117

Reg.No.:.....

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

Paper II - General Principles and Clinical Practice of Radiotherapy

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Discuss the various techniques of radiotherapy for pituitary adenoma with suitable diagram

Short essays:

(8x10=80)

2. Immobilisation in radiotherapy.
3. List the benign lesions treated with radiotherapy. Discuss in detail management of one of the benign lesions.
4. Describe the indications of radiotherapy in parotid malignancies and explain the technique with suitable diagram.
5. Management of non-metastatic Ewing's sarcoma of left proximal end of humerus
6. Radiation therapy technique for locally advanced inoperable carcinoma of head of pancreas.
7. Discuss the anatomy, pathology and treatment options in carcinoma of anal canal.
8. Discuss the management of a 56 years old gentleman presenting with paraparesis, diagnosed to have solitary plasmacytoma of L2 vertebra.
9. Discuss the rationale, patient selection criteria and technique and doses of intra operative radiation therapy (IORT) along with two examples.
