

**QP Code:102117**

**Reg.No.:.....**

**PG Degree Examinations in Radiotherapy (MD) April 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 in detail the management of endometrial cancer with special emphasis on indications for radiation and various radiotherapy (RT) techniques. Draw neat labelled diagram.

**Short essays:**

**(8x10=80)**

2. Interstitial brachytherapy
3. FFF (flattening filter free) – radiation, its rationale and clinical application
4. IORT
5. Spinal cord compression and management
6. Management of proctitis and cystitis
7. 2 D and 3 DCRT radiotherapy planning and techniques for carcinoma of vocal cord (T<sub>1</sub>N<sub>0</sub>M<sub>0</sub>).
8. RT planning in breast cancer (after lumpectomy)
9. RT planning of Wilms tumour

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