

QP Code: 103188

Reg. No. :.....

**P.G. Diploma Supplementary Examinations in Medical Radiotherapy
(DMRT) October 2018**

Paper III – Radiotherapy

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Discuss the indication of radiation therapy in cervical cancer. Describe the radio therapeutic management of cervical cancer in detail with diagrams.

Short essays:

(8x10=80)

2. Radiobiology of radiation sensitizers
3. Emergencies in radiotherapy
4. Late radiation effects in pelvis
5. Radiotherapy in ALL (leukaemia)
6. Radiation cystitis and proctitis and its management
7. IMRT in head and neck cancer
8. Radiotherapy planning techniques in brain tumours
9. Hypo fractionation
