

QP Code: 103188

Reg. No. :.....

P.G. Diploma Examinations in Medical Radiotherapy (DMRT) April 2018

Paper III – Radiotherapy

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Describe in detail radiotherapy of cancer nasopharynx. Describe in detail various RT techniques and compare the advantages and disadvantages of various RT modalities available.

Short essays:

(8x10=80)

2. Trastuzumab
3. Describe in detail brachytherapy of cervical cancer.
4. Radiation sensitizers. Explain the radiation biology and rationale when used along with radiotherapy.
5. Castration resistant prostate cancer
6. Pemetrexed
7. Management of multiple myeloma
8. Radiotherapy of breast cancer techniques and schedules of RT
9. Targeted therapy in metastatic renal cell carcinoma
