

(LC 1518)

APRIL 2013

Sub. Code: 3026

DIPLOMA IN MEDICAL RADIO THERAPY (DMRT) EXAMINATION

**GENERAL PRINCIPLES OF RADIOTHERAPY INCLUDING
RADIOBIOLOGY AND ONCOLOGY**

Q.P. Code : 343026

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Discuss the radiobiology of altered fractionation
2. Discuss the role of Brachytherapy in Head and Neck Cancer

II. Write notes on:

(10X7=70)

1. Describe the application of Perineal Template
2. Describe the Chestwall radiation therapy in cancer breast
3. Describe the Management of nodes in cancer Penis
4. Describe the Basis of Oblique fields in Cancer Cervical Oesophagus
5. Describe the Ependymoma of the Spinal Cord
6. Describe the management of Ewings Sarcoma
7. Discuss the applications of Tumor Markers
8. Describe the Immobilisation in Radiation Therapy
9. Discuss Guidelines for treating Paedaetric Patients in Radiation
10. Describe the Rationale for treating Benign tumors with Radiation
