

[LM 141]

MAY 2018

Sub. Code: 2036

M.D. DEGREE EXAMINATION
BRANCH IX – RADIO THERAPY
PAPER II – GENERAL PRINCIPLES OF RADIOTHERAPY
INCLUDING RADIOBIOLOGY AND ONCOLOGY

Q.P.Code: 202036

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the basis of Altered fractionation in Radiotherapy.
2. Classify CNS tumours and give management of glioblastoma multiform.

II. Write notes on:

(10 x 7 = 70)

1. Discuss Medical Oophorectomy.
2. Involved field Radiation.
3. Role of Radiotherapy in benign tumors.
4. Radio protectors.
5. Radiation Cataractogenesis.
6. Management of cystosarcoma phylloides.
7. Molecular targets in colon cancer.
8. Discuss Proton therapy in prostate cancer.
9. Describe the management of Cancer Larynx T₁N₀M₀.
10. Describe the management of Impending spinal cord compression.
