

(LI 142)

APRIL 2016

Sub. Code:2037

**M.D. DEGREE EXAMINATION
BRANCH IX – RADIO THERAPY**

**PAPER III – CLINICAL PRACTICE AND TECHNIQUE OF
RADIOTHERAPY**

Q.P.Code: 202037

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Classify brain tumors. Discuss the management of medulloblastoma.
2. Describe in detail the etiology, pathology, clinical features, imaging and multimodality treatment of carcinoma rectum .

II. Write notes on:

(10 x 7 = 70)

1. Triple negative breast cancer.
2. Gamma Knife.
3. Premalignant conditions of oral cavity and management – IGRT.
4. Immobilisation in Radiotherapy.
5. List the benign lesions treated with radiotherapy. Discuss in detail management of one of the benign lesions.
6. Describe the indications of radiotherapy in parotid malignancies and Explain the technique with suitable diagram.
7. Management of Ewing’s sarcoma.
8. Superior vena cava syndrome.
9. Management of stage I seminoma testis.
10. Rapid Arc Technique.
