

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 0423]**

**APRIL 2023**

**Sub. Code: 1937**

**B.Sc. RADIOTHERAPY TECHNOLOGY  
THIRD YEAR – (Regulations 2014-2015 & 2018-2019 onwards)  
PAPER II – PATIENT CARE RELEVANT TO RADIOTHERAPY  
*Q.P. Code: 801937***

**Time: Three Hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Patient care during Radiotherapy in Brain Tumors.
2. Patient Care during Postmastectomy Radiotherapy and Breast conservative therapy in a case of CA breast.
3. Discuss type of diet given for a patient under Radiotherapy treatment to CA esophagus.

**II. Write notes on:**

**(8 x 5 = 40)**

1. World Health Organization (WHO) Pain ladder.
2. Radiation Mucositis grading and management.
3. Tracheostomy management during Radiotherapy.
4. Total parenteral nutrition.
5. Anemia - symptoms and management.
6. Indirect Laryngoscopy.
7. How will you manage a patient with seizures during Radiotherapy?
8. Radiosensitisers.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Care of eyes during Radiotherapy of Head and Neck cancers.
2. Micro - MLC.
3. PET scan.
4. Management of Diarrhea during Radiotherapy of Carcinoma cervix.
5. Mention premalignant lesions in oral cavity.
6. SRS.
7. Capecitabine.
8. Biopsy.
9. Patient care in Bone metastasis.
10. Radiotherapy field borders for prophylactic cranial Radiotherapy.

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