

QP CODE: 202018

Reg. No.....

**Second Year B.Sc MRT Degree Supplementary Examinations
September 2024
Radiotherapy I**

Time: 3 Hours

Total Marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*

Essays:

(3x10=30)

1. Describe the clinical features and staging of Carcinoma Cervix. Describe the stage wise management of Carcinoma Cervix.
2. How do you stage carcinoma Oropharynx. What are the investigations required. Explain radiation treatment of carcinoma Oropharynx
3. Describe the anatomy of Rectum, staging of carcinoma Rectum. Management of carcinoma Rectum

Short notes:

(8x5=40)

4. Hormone treatment of carcinoma Breast
5. Radiation treatment in Bone Metastasis
6. Management of carcinoma Ovary
7. Differences between 3D CRT and IMRT
8. Classification of Brain tumors
9. Radiosensitisers and Radioprotectors.
10. Types of Skin Malignancies and their treatment
11. Radiation toxicities of Skin and Mucosa

Answer briefly:

(10x3=30)

12. Radiation toxicities in carcinoma Bladder
13. Mammogram findings in carcinoma Breast
14. X ray findings in Bone Secondary
15. Differences between LDR and HDR
16. What is Palliative radiation. Give three conditions in which you give Palliative radiation
17. LET,RBE
18. What is intracavitary radiation. Enumerate three conditions where intracavitary radiation is given
19. What is Carcinogenesis. Give three examples of Carcinogens
20. Risk factors for carcinoma Cervix
21. Acute toxicities in Head and Neck Radiation.
