

QP CODE:202018

Reg.No.....

**Second Year B.Sc MRT Degree Supplementary Examinations,
September 2016**

RADIOTHERAPY I

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays:

(3x10=30)

1. Describe the staging of carcinoma breast and discuss the management of early stage breast cancer with special emphasis on radiation techniques
2. Discuss the diagnosis and staging of Hodgkin's lymphoma. Outline the treatment of stage I A Hodgkin's lymphoma . Add a note on the late effects of treatment.
3. Describe the staging and management of carcinoma uterine cervix stage II B. What are the late radiation sequelae in carcinoma cervix.

Short notes:

(8x5=40)

4. Stereotactic radiotherapy
5. Retinoblastoma
6. Malignant- spinal cord compression
7. Hormone therapy in carcinoma breast
8. Radiotherapy in early glottis cancer
9. Acute and late effects of radiotherapy on skin, mucosa, gastrointestinal tract, genito "Four
10. RBE
11. RBE

Answer briefly:

(10x3=30)

12. HVL
13. Classification of cytotoxic drugs
14. Stochastic and non-stochastic effects
15. LQ mode
16. Ependymoma
17. Malignant ascites
18. Dental care in radiotherapy
19. Patterns of spread in breast cancer
20. Ewing's sarcoma
21. Immobilization techniques.
