

164-NR

M.D. DEGREE EXAMINATION – APRIL, 2012

RADIOTHERAPY

PAPER-I : BASIC SCIENCES

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

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WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Describe anatomy and Lymphatic drainage of Breast. Discuss the staging of Breast cancer.
2. CSF pathway.
3. Asymmetric jaws.
4. What factors determine the severity of normal tissue damage following irradiation?
5. Describe heavy particle beams with advantages and disadvantages over conventional photon beams.
6. Oncogenes.
7. Techniques used in screening of carcinoma cervix.
8. TLD
9. What is dose rate and how it effects on tumor.
10. Compensators in Radiotherapy.

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