

165-NR

M.D. DEGREE EXAMINATION – APRIL, 2012

RADIOTHERAPY

Paper-II : Principles and Practice of Radiotherapy

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. Classify bone tumours and discuss the management of localized Ewing's sarcoma.
2. Mapping of Nodal station in Head-Neck - Clinical and Radiological.
3. Rationale of Chemo-irradiation in cancer.
4. Phase 0 (zero) trial.
5. Percentage depth dose and Dmax.
6. Tissue compensator Vs Bolus.
7. What is plan implementation and verification in RT Planning?
8. Describe Stereotactic irradiation: - Goal and principles.
9. Rationale IORT (intra-operative radiotherapy).
10. Describe abdominal radiotherapy and moving strip techniques.

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