

167-NR

M.D. DEGREE EXAMINATION – OCTOBER, 2013

RADIOTHERAPY

Paper-IV : Clinical subjects in relation to Radiotherapy

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marksWRITE SHORT ESSAYS ON THE FOLLOWING:

1. Write on screening for cervical carcinoma.
2. Discuss briefly about accelerated partial breast irradiation
3. Discuss about the Prognostic and Predictive markers in breast cancer.
4. Discuss the role of hyperthermia in cancer management.
5. Write short note on the methodology of randomized controlled trials.
6. Write a short note on adaptive radiotherapy
7. Discuss the bladder and rectal toxicities and the management of rectal toxicities in patients undergoing concurrent chemo-RT for carcinoma cervix.
8. Describe the management of limited stage Small cell Lung cancer
9. Discuss the construction of a medical linear accelerator.
10. Write a short note on dynamic multi leaf collimator and its utility in delivering IMRT.

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