

167-NR

M.D. DEGREE EXAMINATION – APRIL, 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. Discuss the screening for early detection of ca breast
2. Discuss the WHO ladder of pain management for cancer patients
3. Enumerate the personnel monitoring devices for radiation protection. Add a note on TLD batch
4. Write a short note on hypofractionation.
5. Hypoxic cell sensitizers
6. Discuss the advantages and disadvantages of preoperative versus postoperative radiotherapy.
7. Write a short note on high LET radiotherapy
8. Discuss the physical properties of iridium 192
9. Discuss the QA of an HDR Brachytherapy unit.
10. Write a short note on gamma knife.

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