

167-NR

M.D. DEGREE EXAMINATION – APRIL, 2014

**RADIOTHERAPY**

Paper-IV : Clinical subjects in relation to Radiotherapy

Time: 3 Hours

Max. Marks: 100

Note: Answer all questions

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All questions carry equal marks

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Vaccination against Human papilloma virus.
- 2) Write in brief on CyberKnife.
- 3) What are the different techniques of total body radiation?
- 4) Write the indications for stereotactic radiosurgery. How is arteriovenous malformation treated?
- 5) Endovascular brachytherapy.
- 6) Iridium 192.
- 7) Inverse planning.
- 8) Write on the steps involved in the planning of 3D Conformal Radiotherapy.
- 9) Accelerated partial breast irradiation.
- 10) Positron emission tomography in oncology.

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