

**Q.P.CODE:166-NR**

*Dr. NTR University of Health Sciences::Vijayawada-520 008*

M.D. DEGREE EXAMINATION – APRIL, 2018

**RADIOTHERAPY**

Paper-III: Principles and Practice of Radiotherapy

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Discuss the different sequences in which chemotherapy is combined with radiotherapy and their rationale.
  - 2) SVC syndrome
  - 3) Importance of Hippocampal sparing in brain radiotherapy
  - 4) Adriamycin
  - 5) Perineal Implants.
  - 6) Premalignant lesions of skin and sequelae of skin irradiation
  - 7) Chemotherapy of Wilms tumor
  - 8) Hormone manipulation in carcinoma prostate
  - 9) Bone marrow toxicity following chemotherapy
  - 10) Mammography.
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