

Q.P.CODE:167-NR

DR NTR UNIVERSITY OF HEALTH SCIENCES:: VIJAYAWADA
M.D. DEGREE EXAMINATION – APRIL, 2019

RADIOTHERAPY

Paper-IV : Clinical subjects in relation to Radiotherapy

Time: 3 Hours

Max. Marks: 100

Note: Answer all questions

All questions carry equal marks

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Critically evaluate trials of adjuvant radiotherapy in carcinoma endometrium
- 2) A 27 year old nulliparous lady presents with cT1aN0M0 squamous cell carcinoma of right labia majora
 1. Discuss the various treatment options
 2. If she had node positive disease how will your treatment differ
- 3) You are asked to start a suitable screening programme for carcinoma cervix in your locality. What will you choose? Give suitable evidence?
- 4) A 20 year old male present with a 1x1x2cm right vestibular schwannoma. Describe a suitable technique of radiation.
- 5) Critically appraise the use of 18FDG-PET imaging in staging, determining prognosis, treatment planning and follow up of patients with cancer. Illustrate your answer using two common malignancies.
- 6) List the uses of radiation in the treatment of non-malignant conditions. Describe a suitable technique for the management of keloid. What are the complications you will explain to the patient?
- 7) Discuss the various treatment options for metastatic renal disease
- 8) Discuss the current role of mammography in screening in breast cancer
- 9) Critically evaluate START trials of hypo fractionated radiotherapy in breast cancer.
- 10) CONSORT guidelines
