

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002**

D.M. /M.CH. DEGREE SUPPLEMENTARY EXAMINATION: MAY, 2024

**MEDICAL ONCOLOGY
PAPER – II
(CLINICAL APPLICATIONS – I)**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

2 X 30 = 60

1. 54-year-old male with right testicular germ cell tumor. On evaluation, CECT scan revealed 2.5 x 2 cm single retroperitoneal node. Tumor markers revealed serum AFP 100 ng/ml, Beta-hcg 3500 IU and LDH -500 IU. Briefly mention the lymphatic drainage of Testis. Outline the staging investigations and treatment plan in this patient. What are the late effects of treatment in this patient? (5+15+10)
2. 55-year-old, female diagnosed with carcinoma Right Breast underwent breast conservation surgery with sentinel lymph node biopsy. Post operative histopathology was suggestive of pT2 (4 cm) No Mo with ER/PR negative and Her2Neu 3+. Discuss the contraindications to Breast cancer surgery. Describe the technique of sentinel lymph node biopsy. Outline the treatment for this patient with appropriate evidence. (5+10+15)

Write a short note on the following:

4 X 10 = 40

3. Discuss the management of hormone sensitive metastatic prostate cancer with appropriate evidence.
4. Discuss the origin and pathogenesis of epithelial Ovarian cancer. What are the imaging findings for a high-risk ovarian mass? (5+5)
5. How will you investigate a patient with a suspected Nasopharyngeal carcinoma (NPC). Discuss the treatment of metastatic NPC. (5+5)
6. Outline the management of metastatic Ca stomach & enumerate predictive markers for advanced Ca GEJ / Cardia with evidence supporting relevant targeted drug use.
