

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

D.M. /M.CH. DEGREE EXAMINATION: March,2025

**MEDICAL ONCOLOGY
PAPER – III
CLINICAL APPLICATIONS - II**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write essay on the following:

2 X 30 = 60

1. 9 years old boy presented with a mass in the scrotum. Biopsy was suggestive of Rhabdomyosarcoma (Embryonal subtype). There was no evidence of distant metastasis. Enumerate the round blue cell tumours with IFIC markers to differentiate them. Discuss the staging investigations. Outline the risk stratification and treatment for this child. (5+5+10+10)
2. 55 years old male presented with backache and renal failure. On evaluation patient had anemia and hypercalcemia. Discuss the differential diagnosis and investigations for confirmation of diagnosis. Outline the treatment of transplant eligible multiple myeloma. Discuss the treatment options for relapse and refractory multiple myeloma. (10+10+10)

Write a short note on the following:

4 X 10 = 40

3. Discuss the antifungal prophylaxis in patients with Acute Leukemia. Outline the management of a 50-year Acute Myeloid Leukemia with pulmonary invasive aspergillosis.
4. Enumerate the late effects and complications of allogeneic stem cell transplant beyond day100.
5. Briefly describe the epidemiology of childhood tumors in India.
6. Discuss the Novel agents and strategies in the treatment of relapsed/refractory Hodgkin's lymphoma.
