

PAPER CODE: 6061

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

D.M. DEGREE SUPPLEMENTARY EXAMINATIONS: AUGUST 2025

MEDICAL ONCOLOGY

PAPER – I

(Basic Sciences)

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. Describe Cell cycle and its regulation. Discuss cell cycle phase specific chemotherapeutic drugs. Write about High Dose Methotrexate therapy.
(10+10+10)
2. Discuss the types of Ionising radiation, their applications and side effects in Oncology. Discuss the newer methods of Radiation therapy and their indications.

Write a short note on the following:

4 X 10 = 40

3. Hyperthermic Intraperitoneal Chemotherapy.
4. Immunotherapy related response criteria.
5. Smoking cessation strategies.
6. Phases of drug development.
