

**PAPER CODE: 6061**

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

**D.M. DEGREE EXAMINATIONS: MARCH, 2025**

**MEDICAL ONCOLOGY  
PAPER – I  
(Basic Sciences)**

**Time: 3 Hours.**

**Max Marks: 100**

**Note:** Answer all questions.

Give Diagrammatic representation wherever necessary.

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**Write essay on the following:**

**2 X 30 = 60**

1. Carcinogens in tobacco products and their role in cancer development.
2. Discuss the genetic alterations seen in acute myeloid leukaemia. Discuss the targeted therapies used in acute myeloid leukaemia.

**Write a short note on the following:**

**4 X 10 = 40**

3. FISH (Fluorescent in Situ Hybridisation).
4. Pharmacogenomics of drug toxicity.
5. Methotrexate toxicity.
6. Obesity and cancer.

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