

PAPER CODE: 1075

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
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M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MARCH, 2026

RADIATION ONCOLOGY (RT)

PAPER – I

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

10 X 10 = 100

1. TLD (Thermoluminescence Dosimetry).
2. Anatomy of the stomach.
3. Describe environmental causes of cancer.
4. 4R's of Radiotherapy.
5. Comment on stochastic and deterministic effect.
6. Immune surveillance hypothesis.
7. Describe CT simulator.
8. Paraneoplastic Syndrome.
9. Hyperthermia.
10. Describe Time, Dose and Fractionation.
