

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA– 506 002
D.M. /M.CH. DEGREE EXAMINATION: DECEMBER, 2025**

**SURGICAL ONCOLOGY
PAPER-IV
(RECENT ADVANCES)**

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. Discuss the current role of minimally invasive approaches to surgical management of various cancers, quoting evidences from clinical trial.
2. Write in detail about Sugarbaker Peritoneal cancer Index and completeness of cytoreduction. Discuss the rationale, current indications, techniques, complications and current status of Hyperthermic intraperitoneal chemotherapy in various cancers.

Write a short note on the following:

4 X 10 = 40

3. Theranostics.
4. Next generation sequencing in oncology.
5. Applications of artificial intelligence in Surgical Oncology.
6. Hospice.
