

SUPER SPECIALTY PROGRAMME M.Ch. (SURGICAL ONCOLOGY)
EXAMINATION, MARCH-2025

PAPER - I
BASICS SCIENCES

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams wherever necessary.

Long essay type questions:

Q.1. Discuss the molecular classification of breast cancer beyond TNBC and discuss its treatment implications. (20)

Q.2. What are the various energy sources used in present day surgical oncology? Discuss their biophysical principles and mechanics. (20)

Q.3. Describe briefly: (3x10=30)

- a. Paraneoplastic syndromes
- b. Dual testing
- c. Intraoperative margin assessment

Q.4. Write short notes on: (5x6=30)

- a. Cancer cachexia
- b. Liquid biopsy
- c. Meta-analysis
- d. Phase III clinical trials
- e. Good clinical practice guidelines
