

SURGICAL ONCOLOGY

PAPER-III

SURGONCO/D/18/47/III

Time: 3 hours
Max. Marks:100

Important Instructions:

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

Write short notes on:

1. a) Functional & molecular imaging. 4+6
b) Role of PET scan in the management of breast, GIST and testicular cancers.
2. a) What do you understand by Proton Therapy? 5+5
b) Vessel Sealing devices.
3. a) Diagnostic and staging protocol for stage III breast cancer. 5+5
b) Role of mass spectroscopy in oncology.
4. a) HIPEC. 5+5
b) Nomenclature and terminology of peritonectomy procedures.
5. a) Endoscopic ultrasound. 5+5
b) Chromo endoscopy.
6. a) Trans Oral Robotic Surgery (TORS). 5+5
b) Implant Based Breast Reconstruction.
7. a) Life style and cancer. 5+5
b) Cancer Registry in India.
8. a) What is Hospice? 3+7
b) Relevance of hospice with reference to cancer care in India and how will you set up a Palliative Care Unit?
9. a) Bone Densitometry and its implications in breast cancer management. 5+5
b) 3D Mammography.
10. a) Non-Surgical options of managing liver metastases. 5+5
b) Management approach to borderline resectable liver metastases of colorectal origin.
