

SURGICAL ONCOLOGY

PAPER – III

SURGONCO/J/17/47/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) What is the molecular classification of breast cancer? 3+3+4
b) List the various risk prediction scores available in breast cancer; &
c) Write in detail about any one.
2. a) Embryo cryopreservation 3+3+4
b) Semen cryopreservation
c) Ovarian transposition
3. a) Classify the pathological entities in “Cancer of Unknown Primary” 3+3+4
(CUP).
b) Role of immunohistochemistry in their management.
c) Treatment of CUP-pelvic nodes.
4. a) Trans Anal Endoscopic Microsurgery. 5+5
b) Intersphincteric resection.
5. a) Mammographic density 5+5
b) DOTATOC scan
6. a) PET-MRI (Positron Emission Tomography- Magnetic Resonance 5+5
Imaging).
b) Standard uptake value.
7. a) What are all the therapies available against her2 in breast cancer? 5+5
b) Pertuzumab: Mechanism of action & clinical uses.
8. a) Intraoperative Radiotherapy (IORT). 5+5
b) Prophylactic HIPEC (Hyperthermic intraperitoneal chemotherapy).
9. a) Laser capture microdissection. 5+5
b) Microarray studies.
10. a) ALK mutations in lung cancer. 5+5
b) PARP inhibitors.
