

SURGICAL ONCOLOGY

PAPER - III

SURG ONCO/D/13/47/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) Bio-Chemotherapy in Melanoma. 4+4+2
b) "ACOSOG-Z0011" Trial.
c) Hormone therapy in a neo-adjuvant setting in breast cancer.
2. a) Recent advances in palliation for "Malignant Dysphagia". 5+5
b) "Pros" and "cons" of "implant based" and "Autologous" reconstruction following surgery for breast cancer.
3. a) Discuss the Axillary Irradiation versus Axillary lymph node dissections in early breast cancer (clinically N₀). 5+5
b) What are the clinical applications and pitfalls of FDG-PET imaging in Oncology?
4. a) Newer approaches to "rehabilitation after laryngectomy or laryngo pharyngectomy". 5+5
b) "Molecular tools" in lung cancer clinics.
5. a) Discuss briefly the current evidence regarding the role of "Minimal Access approach" in the management of "Peri-ampullary cancer". 5+5
b) Selective bladder preserving approaches in bladder cancer.
6. a) Accelerated Partial Breast Irradiation (APBI) 2+3+5
b) Clinical applications of proton therapy
c) Monoclonal theory
7. a) Discuss the current surgical approaches to Hepatocellular Carcinoma. 4+2+4
b) Endoscopic therapy in Barrett's Esophagus – the current status.
c) Oncoplastic Breast Surgery.
8. a) Discuss briefly the care in "childhood cancer survivors". 5+5
b) Treatment of unfavourable histology Wilms' Tumour.