

**SURGICAL ONCOLOGY**

**PAPER-II**

SURG.ONCO/D/19/47/II

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:**

- a) How do you investigate and manage a 34-year lady, teacher by profession, presenting with right vocal cord cancer which is AJCC T2N0? She is keen on voice preservation. 6+4
  - b) Describe various voice conservation surgeries.
- a) How do you investigate and manage a 45-year-old male presenting with AJCC T3N1, transitional cell cancer of urinary bladder situated at trigone area? 5+5
  - b) Compare treatment outcomes by cystectomy versus bladder preservation, quoting evidence.
- a) What is short course radiotherapy? 3+3+4
  - b) Describe its indication in carcinoma rectum.
  - c) Discuss the recent evidence regarding its application in different stages of rectal cancer.
- a) What are the clinical and pathological features of basal cell carcinoma? 3+2+5
  - b) Enumerate common differential diagnoses.
  - c) How do you manage a 49-year-old man presenting with basal cell cancer 2x2 cm in size located in the right cheek?
- a) Enumerate types of well differentiated thyroid cancers. 2+5+3
  - b) How do you prognosticate well differentiated thyroid cancers?
  - c) Discuss the role of hemi-thyroidectomy in a good risk patient, quoting evidence.
- a) What is the initial treatment of T4b triple negative breast cancer in an otherwise healthy lady? 1+2+7
  - b) What are the drugs used?
  - c) Enumerate and describe in short evidence from various clinical trials done in this regard.

P.T.O

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| 7.  | a) How do you investigate and treat a 14-year-old boy presenting with osteosarcoma localized to lower end of right tibia?<br>b) Describe in detail various chemotherapy regimens used.  | 5+5 |
| 8.  | a) Briefly describe staging of head and neck cancers using AJCC 8 <sup>th</sup> Edition.<br>b) How do you plan adjuvant treatment for a 45-year-old man presenting after hemi-glossectomy and right SOHND? (Histopathology T2N2; three nodes involved showing perineural, lymphovascular involvement and extracapsular invasion). | 6+4 |
| 9.  | a) Discuss about lymphadenectomy for carcinoma esophagus, with evidence.<br>b) How do you manage a patient who started draining 1000 ml fluid via ICD (increased from 300 ml on the previous day) on third day after esophagectomy?   | 5+5 |
| 10. | a) Describe types of retroperitoneal lymph node dissections.<br>b) How do you manage a 25-year-old man presenting with 4 cm residual mass at retroperitoneum after chemotherapy for non-seminomatous germ cell tumour of testis?  | 6+4 |

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