

**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? 5+5  
b) Describe in detail various chemotherapy regimens used.
8. a) Briefly describe staging of head and neck cancers using AJCC 8<sup>th</sup> Edition. 6+4  
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).
9. a) Discuss about lymphadenectomy for carcinoma esophagus, with evidence. 5+5  
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?
10. a) Describe types of retroperitoneal lymph node dissections. 6+4  
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?

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