

SURGICAL ONCOLOGY

PAPER-II

Time: 3 hours
Max. Marks:100

SURG.ONCO/J/19/47/II

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. How do you manage a 54-year-old man presenting with T₂N₀ carcinoma of lateral border of tongue? Describe some evidences regarding management of N₀ neck for cancer tongue. 6+4
2. How do you investigate, prognosticate and manage a 19-year-old girl presenting with dysgerminoma of the right ovary? 3+2+5
3. a) Describe the BCLC system for managing liver tumours? 5+5
b) Briefly describe the treatment options for a 65-year old woman who is Hepatitis C positive with cirrhosis, Child Pugh B, performance status 1 with a solitary 6cm tumour in the segment 5 and 8 of the liver.
4. a) Describe in brief the risk based approach to decide the need for and type of neoadjuvant radiotherapy protocols used for rectal cancer? 4+3+3
b) What are the accepted neoadjuvant treatment options in a 55-year old man, performance status 1, with a middle third rectal cancer staged as cT₃bN₀M₀ with tumour more than 2mm away from the mesorectal fascia?
c) Describe in brief at least one randomized clinical trial comparing long course chemoradiation and short course radiotherapy.
5. a) Lymph node stations draining stomach. 4+(2+2+2)
b) What lymph node stations are dissected during a D2 dissection for a patient with a T₃N₁ gastric cancer during:
i. Total gastrectomy
ii. Proximal gastrectomy
iii. Distal gastrectomy

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| 6. | How do you investigate and treat a medically fit patient presenting with non-metastatic renal cell carcinoma with a thrombus extending to IVC? Briefly mention surgical principles and practice in this case. | 6+4 |
| 7. | How do you manage a 5cm residual retroperitoneal nodal mass persisting after first line chemotherapy for NSGCT testis? Briefly describe the various RPLND procedures and post-operative complications after RPLND. | 4+6 |
| 8. | How do you manage a 42-year old premenopausal lady presenting with cT ₂ N ₁ M ₀ triple negative left breast cancer? | 10 |
| 9. | What is Ewing's family of tumours? How do you investigate and diagnose? Briefly describe the role of chemotherapy and surgery in its management. | 3+3+4 |
| 10. | a) Management options in muscle invasive localized bladder cancer.
b) Metabolic alterations seen with various types of urinary conduits. | 6+4 |
