

**SURGICAL ONCOLOGY**

PAPER – II

SURG.ONCO/J/16/47/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:

1. a) Rationale and types of neo-adjuvant therapy in solid tumor management. 5+5  
b) Role of neo-adjuvant therapy in the management of locally advanced breast cancer.
2. a) Indications, regimes and impact on survival of adjuvant chemotherapy in colon cancer. 5+5  
b) Role of pre-operative chemo-radiation in the management of rectal cancer.
3. a) Types and role of tumour markers in the management of testicular tumors. 5+5  
b) Types and role of tumour markers in the management of differentiated thyroid cancer.
4. a) Various types of maxillectomy. 5+5  
b) Reconstruction and rehabilitation of post maxillectomy patient.
5. a) Enumerate various techniques for non-surgical management of hepatic metastases. 2+8  
b) Role and technique of chemo-embolization for hepatic metastases.
6. Indications, types and techniques of nerve sparing surgery for: 4+3+3  
a) Parotid tumors  
b) Rectal cancer  
c) Testicular tumours
7. Diagnosis, management and familial syndromes associated with medullary thyroid cancer. 3+3+4

**P.T.O.**

**SURGICAL ONCOLOGY**

**PAPER – II**

8. a) Aetiopathogenesis and management of superior vena cava syndrome. 5+5  
b) Management options for obstructing rectal cancer.
9. Voice preserving therapy for laryngeal cancer: 5+5  
a) Workup and patient selection criteria for voice preserving therapy.  
b) Various types of surgical procedures for voice preservation.
10. Malignant surgical obstructive jaundice: 5+5  
a) Causes and investigational modalities.  
b) Pros and cons of preoperative stenting in patients with resectable pancreatic cancer.

\*\*\*\*\*