

SURGICAL ONCOLOGY**PAPER-II**Time: 3 hours
Max. Marks:100

SURGONCO/D/20/47/II

Important Instructions:

- You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.
- Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.
- No additional supplementary answer sheet booklet will be provided.
- 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) General principles in neoadjuvant therapy in rectal cancers. 5+5
b) Role of neo-adjuvant therapy in sphincter salvage.
2. a) What are the risk factors for endometrial cancers? 2+3+5
b) Molecular based classification of endometrial carcinoma.
c) Current evidence for minimal invasive surgery for carcinoma endometrium.
3. a) Significance of HPV in head and neck cancers. 5+5
b) Difference in management and outcomes of HPV related squamous cell carcinomas (HNSCC) of head and neck as compared to non HPV-HNSCC.
4. Discuss Broncho-pulmonary segments. Write the current TNM staging for lung cancer. Discuss the adjuvant treatment for a patient who underwent surgery with tumor size 5 cms and a single N1 positive node. 3+3+4
5. a) Staging systems of Hepatoblastoma. 4+6
b) Management of Hepatoblastoma in Pediatric populations.
6. Work-up and management of carcinoma of an unknown primary. 5+5
7. a) Current status of tools available for risk assessment for adjuvant therapy following surgery in breast cancer. 5+5
b) Assessment and work up of an asymptomatic 32 year old sister of a 35 year old patient with history of breast cancer in mother.
8. a) Discuss the options for limb salvage in a patient with locally advanced synovial sarcoma of lower limb. 5+5
b) Briefly describe the options and factors affecting the management decision for patient of synovial sarcoma presenting with a metachronous pulmonary metastasis.

P.T.O.

SURGICAL ONCOLOGY

PAPER-II

9. a) Mandibular reconstruction. 5+5
b) Management of anastomotic leak following esophagectomy.
10. a) Indications and regimes of chemotherapy for testicular tumors. 5+5
b) Types and indications of RPLND.

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