

SURGICAL ONCOLOGY

PAPER – III

SURG.ONCO/J/15/47/III

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) What is HIPEC? b) Principles, indications, contraindications and the malignancies wherein it has made definite survival benefit.	1+(2+2+2+3)
2.	a) Stereotactic Radio Surgery in brain metastases – indications & advantages. b) Internal Hemipelvectomy.	(3+2)+5
3.	a) Interval cytoreduction in epithelial ovarian cancer. b) Role of neoadjuvant chemotherapy in Head and neck cancer.	5+5
4.	a) What are the newer anti-HER-2 agents after trastuzumab? b) Their mechanism of action, indication and clinical evidence for their use.	3+(2+2+3)
5.	a) Short course radiation therapy in rectal cancer – indications & advantages. b) Role of MRI in response evaluation after radiation in rectal cancer.	(3+2)+5
6.	a) Define pathologic complete response (pCR) b) What is its clinical & prognostic significance? c) Factors that contribute to pCR in breast cancer.	2+5+3
7.	a) What are the 'bridging therapy' available in treatment of hepatocellular cancer? b) TACE.	3+7
8.	a) What is ovarian ablation/suppression for breast cancer? b) How is ovarian ablation/suppression useful in women with breast cancer and what is the evidence from literature? c) Fulvestant	2+4+4
		P.T.O.

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9.	a) What is genetic counseling? Write in detail the steps involved. b) Indication for gene testing in patients with breast cancer.	5+5
10.	a) What is the concept of 'fertility preservation' in patients with cancer? b) Fertility Preservation Guidelines for men and women and indicate the most successful option.	4+6
