

**SURGICAL ONCOLOGY**

**PAPER – III**

Time : 3 hours  
Max. Marks : 100

SURG.ONCO/D/17/47/III

**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 60 year old man with multiple lytic lesions of bones: 4+3+3
  - a) How will you evaluate?
  - b) Clinical features & management of multiple myeloma.
  - c) Mechanism of action and indications of Bortezomib in myeloma.
2. a) Management of a 56 year old man with castration resistant prostatic cancer. 5+5  
b) Advantages of Robotic surgery over laparoscopic surgery in prostate cancer.
3. a) Enumerate paraneoplastic syndromes 5+5  
b) Skin manifestations of cancers with five examples.
4. a) Role of stem cell transplant in solid tumours. 5+5  
b) Cancer vaccines.
5. Photodynamic therapy in cancer: mechanism, indications and advantages. 4+3+3
6. a) Psychological issues in cancer 4+2+4  
b) Psychotropic medication  
c) Hospice Care
7. a) Morbidity due to radiotherapy in breast cancer 3+3+4  
b) What is IMRT?  
c) Advantages of IMRT over conventional radiotherapy.
8. a) Multistep models in colorectal tumourigenesis, 4+6  
b) Screening and management of gastro-intestinal cancers of familial adenomatous polyposis.
9. a) Diagnosis and management of anaplastic carcinoma of thyroid. 5+5  
b) Enumerate recent advances in its management.
10. a) Landmark trials in breast conservative surgeries 5+5  
b) Sentinel node biopsy in breast cancer.