

National Board of Examinations

Question Paper Name : DrNB Surgical Oncology Paper1

Is this Group for Examiner? : No

Enable Mark as Answered Mark for Review and Clear Response : Yes

Question Number : 1 Question Type : SUBJECTIVE

- a) Discuss genetic etiology of human carcinogenesis and its applied importance. [5]
- b) Sanger sequencing and next generation sequencing. [2+3]

Question Number : 2 Question Type : SUBJECTIVE

- a) Passenger and Driver Mutations with their clinical application. [2+3]
- b) Liquid Biopsies and their clinical application. [2+3]

Question Number : 3 Question Type : SUBJECTIVE

- a) Hall marks of cancer. [5]
- b) Cancer immunology and predictive methods/ markers for assessing the response to immune therapeutic agents. [5]

Question Number : 4 Question Type : SUBJECTIVE

- a) Risk-reducing Surgery. [5]
- b) Familial Adenomatous Polyposis. [5]

Question Number : 5 Question Type : SUBJECTIVE

- a) Peripherally Inserted Central Catheter: Uses, technique and post catheter care. [2+1+2]

b) Lasers in oncology. [5]

Question Number : 6 Question Type : SUBJECTIVE

a) Transoral Robotic Surgery. [5]

b) Discuss the survival benefit of cancer patients receiving treatment at centres with expertise. [5]

Question Number : 7 Question Type : SUBJECTIVE

a) Discuss the role of sentinel lymph node dissection in head neck cancer. [5]

b) Discuss the management of T1,2N0 Lung cancer. [5]

Question Number : 8 Question Type : SUBJECTIVE

a) Endocrine Pancreatic Cancers. [5]

b) Lymph node dissection in esophageal cancer. [5]

Question Number : 9 Question Type : SUBJECTIVE

a) Describe the adjuvant treatment approaches for gall bladder cancer. [5]

b) Define Energetics and what is its role in cancer care. [2+3]

Question Number : 10 Question Type : SUBJECTIVE

a) Effect of cytokine milieu in cancer cachexia syndrome. [5]

b) Phases of clinical trial and phases of anticancer drug development. [2+3]