

National Board of Examinations

Question Paper Name : DrNB Surgical Oncology Paper1
Subject Name : DrNB Surgical Oncology Paper1
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718740574 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Indications for genetic testing in population with high risk for cancer and discuss about one as example. [3+3]
b) Enumerate clinically well established surgical risk reducing strategies in cancer. [4]

Question Number : 2 Question Id : 32718740575 Consider As Subjective : Yes

- a) BRAF-MEK pathway in oncology. [4]
b) Name three BRAF inhibitors and their uses. [3+3]

Question Number : 3 Question Id : 32718740576 Consider As Subjective : Yes

- a) What is phase III clinical trial? [5]
- b) Discuss in detail about any one phase III trial in breast cancer conducted before the year 2000. [5]

Question Number : 4 Question Id : 32718740577 Consider As Subjective : Yes

- a) Discuss various genetic sequencing techniques. [6]
- b) Genetic mutations in breast with their therapeutic applications. [4]

Question Number : 5 Question Id : 32718740578 Consider As Subjective : Yes

- a) Management of malignant pleural effusion. [6]
- b) Management of hypercalcemia in oncology. [4]

Question Number : 6 Question Id : 32718740579 Consider As Subjective : Yes

- a) Pathophysiology of chemotherapy induced nausea and vomiting. [4]
- b) Name three commonly used antiemetic agents in cancer patients with their mechanism of action. [3+3]

Question Number : 7 Question Id : 32718740580 Consider As Subjective : Yes

- a) Management of malignant bowel obstruction. [5]
- b) Tracheal resection: indications and technique. [5]

Question Number : 8 Question Id : 32718740581 Consider As Subjective : Yes

- a) Impact of cancer treatment on gonadal function. [5]
- b) Cancer cachexia syndrome – Stages and treatment algorithm. [3+2]

Question Number : 9 Question Id : 32718740582 Consider As Subjective : Yes

- a) Microtubule inhibitors – Mechanism of action and clinical use. [5]
- b) CAR-T cell therapy – Principle and clinical implications. [2+3]

Question Number : 10 Question Id : 32718740583 Consider As Subjective : Yes

- a) Role of CDK4/6 inhibitors in breast cancer. [5]
- b) Cancer vaccines and their use. [5]