

National Board of Examinations

Question Paper Name :	DrNB Surgical Oncology Paper1
Subject Name :	DrNB Surgical Oncology Paper1
Creation Date :	2023-10-15 14:11:54
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Surgical Oncology Paper1

Group Number :	1
Group Id :	3271872549
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Surgical Oncology Paper1

Section Id :	3271872552
Section Number :	1
Section type :	Offline

Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872556
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718725933 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

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) Discuss molecular subtyping of breast cancer and its implication on prognosis. [5]
- b) How does transcriptional profiling of breast cancer help in prognosticating and treatment decision making? [5]

Question Number : 2 Question Id : 32718725934 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Discuss genetic and epigenetic alterations in lung cancer and its implication in management. [3+3]

b) Management of pT2N1 adenocarcinoma of lung. [4]

Question Number : 3 Question Id : 32718725935 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) ROMA algorithm. [2]

b) Discuss various strategies for prevention of ovarian cancer. [3]

c) Discuss the about genetic counselling for ovarian cancer. [5]

Question Number : 4 Question Id : 32718725936 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Discuss about immunotherapy. [6]

b) Prophylactic cancer vaccines. [4]

Question Number : 5 Question Id : 32718725937 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) What is liquid biopsy? Discuss clinical application of liquid biopsy. [6]

b) Discuss various specimen requirements for molecular diagnostics and its transport medium. [4]

Question Number : 6 Question Id : 32718725938 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Discuss the role of NGS in precision oncology. [6]

b) Factors responsible for variability in pharmacokinetics and pharmacodynamics. [4]

Question Number : 7 Question Id : 32718725939 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Enumerate and discuss various mediastinal staging methods for lung cancer. [6]

b) Analysis of phase III clinical trials. [4]

Question Number : 8 Question Id : 32718725940 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Discuss cellular response to ionising radiation. [5]

b) Discuss the role and advantages of stereotactic radiosurgery in brain metastases. [5]

Question Number : 9 Question Id : 32718725941 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Enumerate oncogenic viruses implicated in various cancers. Discuss their mechanism of causation of cancer. [3+3]

b) Risk reducing surgeries in various cancers and their indications. [4]

Question Number : 10 Question Id : 32718725942 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Discuss mutational landscape in cutaneous melanoma. [4]

b) Discuss various prognostic factors for primary cutaneous melanoma. [3]

c) Discuss the role of systemic therapy in melanoma. [3]