

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Medical Oncology Paper2
<b>Subject Name :</b>	DrNB Medical Oncology Paper2
<b>Creation Date :</b>	2023-10-15 14:13:43
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## DrNB Medical Oncology Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872522
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DrNB Medical Oncology Paper2

<b>Section Id :</b>	3271872525
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872529
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718725453 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. Discuss applications of liquid biopsy in current clinical oncology under following headings:
  - a) Basic principles and technical considerations. [5]
  - b) Clinical utility with examples in oncological practice. [5]

**Question Number : 2 Question Id : 32718725454 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 20-year-old male presented with anterior mediastinal mass. Discuss your approach under following headings:

- a) Differential diagnosis. [3]
- b) Diagnostic approach. [4]
- c) Treatment outline. [3]

**Question Number : 3 Question Id : 32718725455 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) Role of PRRT in cancer treatment. [4]
- b) Radiopharmaceuticals in cancer diagnosis. [3]
- c) FAPI-PET scan. [3]

**Question Number : 4 Question Id : 32718725456 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 testing methods and clinical utility of MSI (microsatellite instability) in various solid tumors. [5]
- b) Discuss technical considerations and clinical applications of next generation sequencing in oncology. [5]

**Question Number : 5 Question Id : 32718725457 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) Explain the role of HIPEC (hyperthermic intraperitoneal chemotherapy) in the treatment of peritoneal surface malignancies. [5]
- b) Catheter directed therapy in management of cancer. [5]

**Question Number : 6 Question Id : 32718725458 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) Early palliative care. [2]
- b) Cancer survivorship issues in children. [3]
- c) Differential diagnosis and investigations of intra-abdominal masses in a child of 2 years of age. [5]

**Question Number : 7 Question Id : 32718725459 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 diagnostic and treatment approach to a 60-year-old lady with malignant ascites. [5]
- b) Write briefly about treatment free remission in chronic myeloid leukemia. [5]

**Question Number : 8 Question Id : 32718725460 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) Describe genomic classification of diffuse large B cell lymphoma and its implications on treatment strategy. [5]
- b) Discuss primary and secondary cytogenetic abnormalities in multiple myeloma. [5]

**Question Number : 9 Question Id : 32718725461 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) Toxicities of immune checkpoint inhibitors and their management. [4]
- b) Staging and treatment approach of acute GVHD. [3]
- c) Toxicities of tyrosine kinase inhibitors and their management. [3]

**Question Number : 10 Question Id : 32718725462 Question Type : SUBJECTIVE Consider As**

**Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Discuss approach and management of:

- a) Tumor lysis syndrome. [3]
- b) Catheter related infection. [3]
- c) Diagnosis and management of fungal infection in stem cell transplant. [4]