

National Board of Examinations

Question Paper Name :	DrNB Medical Oncology Paper 3
Subject Name :	DrNB Medical Oncology Paper3
Creation Date :	2023-04-26 22:40:32
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Actual Answer Key :	No

DrNB Medical Oncology Paper 3

Group Number :	1
Group Id :	327187740
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 Medical Oncology Paper 3

Section Id :	327187743
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 :	327187747
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 3271876482 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) Relevance of karyotype, FISH and PCR method for detecting genetic abnormalities in acute lymphoblastic leukemia (ALL). [4]
- b) Algorithm for diagnosis and management of CML blast crisis in a 20-year-old patient. [4]
- c) Ponatinib: mechanism of action and side effects. [2]

Question Number : 2 Question Id : 3271876483 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) Plan the investigations and chemotherapy management of metastatic urinary bladder cancer in

a 70-year-old male. [3]

b) Critically discuss role of immune check points inhibitors in treatment of urinary bladder cancer.

[4]

c) Treatment of metastatic penile cancer. [3]

Question Number : 3 Question Id : 3271876484 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) TNM staging of carcinoma oropharynx. [3]

b) 2 years survival according to various sites of head and neck cancer. [3]

c) List premalignant conditions for head and neck cancer and their management. [4]

Question Number : 4 Question Id : 3271876485 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) TNM staging of colon cancer. [2]

b) Investigations with rationale for a case of colon cancer in a 67-year-old male patient. [4]

c) Role of targeted therapy in management of metastatic colon cancer. [4]

Question Number : 5 Question Id : 3271876486 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 immunohistochemistry in diagnosis of non-Hodgkin's lymphoma (NHL). [3]

b) Components of CNS IPI in the context of therapy of NHL. [3]

c) Management of primary CNS lymphoma. [4]

Question Number : 6 Question Id : 3271876487 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) Multigene assays for consideration of addition of adjuvant systemic chemotherapy to endocrine therapy in early breast cancer. [5]

b) Compare various hormonal agents used for breast cancer as regards to their mechanism, dose and side effects. [5]

Question Number : 7 Question Id : 3271876488 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) Molecular subtypes of small cell lung cancer and their clinical relevance. [4]

b) Medulloblastoma : Risk stratification. [3]

c) Risk adapted therapy of primary myelofibrosis. [3]

Question Number : 8 Question Id : 3271876489 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) Prophylactic mastectomies for breast cancer prevention. [3]

b) WHO ladder for pain management in cancer patients. [3]

c) Methods of fertility preservation in male cancer patients. [4]

Question Number : 9 Question Id : 3271876490 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) Paraneoplastic syndromes associated with neuroblastoma. [3]

b) Staging and prognostic factors for neuroblastoma. [4]

c) Post transplant management in high risk neuroblastoma. [3]

Question Number : 10 Question Id : 3271876491 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) Plerixafor. [2]

b) Conditioning regimens and one key side effect of each of the drugs used for autologous stem cell transplant for lymphoma. [4]

c) IDH1 and IDH2 inhibitors. [4]