

National Board of Examinations

Question Paper Name :	DrNB Medical Oncology Paper 3
Subject Name :	DrNB Medical Oncology Paper3
Creation Date :	2021-08-26 19:34:02
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DrNB Medical Oncology Paper 3

Group Number :	1
Group Id :	327187178
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

DrNB Medical Oncology Paper 3

Section Id :	327187181
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory

Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	327187185
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 327187300 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Role of adjuvant and neo-adjuvant therapy in head and neck cancer. [4]
- b) Molecular mechanism of HPV associated head and neck cancer. [3]
- c) Etiology of head and neck cancer. [3]

Question Number : 2 Question Id : 327187301 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Briefly discuss risk factors and epidemiology of colorectal carcinoma. [5]
- b) What are all the diagnostic and pathology related tests that you would like to get on the biopsy specimen in a patient with metastatic colon cancer and how will this assist you in treatment planning? [5]

Question Number : 3 Question Id : 327187302 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Discuss epidemiology and risk factors for prostate cancer. [4]
- b) Gleason pattern, Gleason score and Gleason grade grouping in prostate cancer. [3]
- c) Discuss role of chemotherapy in metastatic prostate cancer. [3]

Question Number : 4 Question Id : 327187303 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Classify grading of hemorrhagic cystitis in a post stem cell transplant setting. [4]

b) Briefly describe management of CMV and adenoviral hemorrhagic cystitis in post stem cell transplant setting. [4]

c) Mechanism of high dose cyclophosphamide induced cystitis. [2]

Question Number : 5 Question Id : 327187304 Question Type : SUBJECTIVE

Correct Marks : 10

a) Briefly describe classification of germ cell tumors. [3]

b) Staging for ovarian germ cell tumors. [3]

c) Discuss multimodality management of stage 1 testicular germ cell tumor. [4]

Question Number : 6 Question Id : 327187305 Question Type : SUBJECTIVE

Correct Marks : 10

a) Discuss molecular biology of thyroid cancer and what are the targeted therapies for this cancer? [5]

b) Briefly describe management of a 40-year-old lady with thymoma who presents with myasthenia gravis. [5]

Question Number : 7 Question Id : 327187306 Question Type : SUBJECTIVE

Correct Marks : 10

a) What are the differences in diagnostics and presentation/prognosis of microgranular vs macrogranular variant of acute promyelocytic leukemia? [5]

b) Briefly describe in an algorithm the management of relapsed acute promyelocytic leukemia. [5]

Question Number : 8 Question Id : 327187307 Question Type : SUBJECTIVE

Correct Marks : 10

a) What are the reasons for poor stem cell mobilization? [3]

b) What are the methods for stem cell harvesting? [3]

c) Briefly describe cryopreservation of stem cells and how will you cryopreserve cord blood stem cells. [4]

Question Number : 9 Question Id : 327187308 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Discuss therapy related acute myeloid leukemia and its management. [5]
- b) Discuss monitoring response to Tyrosine Kinase inhibitors in chronic myeloid leukemia. [5]

Question Number : 10 Question Id : 327187309 Question Type : SUBJECTIVE

Correct Marks : 10

- a) What are the surgical principles of nephrectomy in renal cell carcinoma vs Wilms tumor? [5]
- b) What are the risk factors for renal cell carcinoma and the genes involved in its pathogenesis? [5]