

National Board of Examinations

Question Paper Name :	DNB Radiation Oncology Paper3
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DNB Radiation Oncology Paper3

Group Number :	1
Group Id :	3271872828
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

DNB Radiation Oncology Paper3

Section Id :	3271872831
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872835
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718729564 Question Type : SUBJECTIVE Consider As Subjective : Yes

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) Neoadjuvant therapy for oesophageal cancer: evidence and protocol. [5]
- b) Protocol for preoperative radiotherapy in oesophageal cancer: Result of PIONEER trials and current guidelines. [5]

Question Number : 2 Question Id : 32718729565 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss the role of radiation in the treatment of medical emergencies. [10]

Question Number : 3 Question Id : 32718729566 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Current molecular classification of medulloblastoma. [3]
- b) Risk stratification in medulloblastoma. [3]
- c) Craniospinal radiotherapy. [4]

Question Number : 4 Question Id : 32718729567 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) What are the principles of limb salvage in patients with osteosarcoma? [2]
- b) What are the contraindications? [2]
- c) Chemotherapy and Radiotherapy schedules in such patients. [6]

Question Number : 5 Question Id : 32718729568 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) What is mycosis fungoides? [2]
- b) Describe the role, technique and results of radiation in mycosis fungoides. [2+4+2]

Question Number : 6 Question Id : 32718729569 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss multiple myeloma with respect to:

- a) Staging. [3]
- b) Workup. [3]

c) Management. [4]

Question Number : 7 Question Id : 32718729570 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Biologic response modifiers. [4]
- b) Taxanes in cancer treatment. [3]
- c) Intravesical therapy in urothelial cancers. [3]

Question Number : 8 Question Id : 32718729571 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Clinical, radiological and histological features of neuroblastoma. [6]
- b) Schematic flow chart for management of neuroblastoma. [4]

Question Number : 9 Question Id : 32718729572 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Imatinib. [4]
- b) Sorafenib. [3]
- c) Denosumab. [3]

Question Number : 10 Question Id : 32718729573 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Enumerate the types, different prognostic factors and management strategy of Rhabdomyosarcoma. [2+2+6]