

National Board of Examinations

Question Paper Name :	DNB Radiation Oncology Paper2
Subject Name :	DNB Radiation Oncology Paper2
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Actual Answer Key :	No

DNB Radiation Oncology Paper2

Group Number :	1
Group Id :	3271872542
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

DNB Radiation Oncology Paper2

Section Id :	3271872545
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 :	3271872549
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718725793 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. Describe the role of IMRT in the treatment of carcinoma prostate. Discuss steps involved in treatment planning and execution of treatment. [5+5]

Question Number : 2 Question Id : 32718725794 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- List various paediatric malignancies. [3]
- Write staging system of Retinoblastoma. Enumerate treatment modality as per stage. [3+4]

Question Number : 3 Question Id : 32718725795 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 the rationale and classification of hormonal therapeutic agents in management of carcinoma breast, in premenopausal and postmenopausal females. [5]
- b) What do you understand by Primary/Secondary/Tertiary hormonal intervention. [5]

Question Number : 4 Question Id : 32718725796 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) Write down the staging of Lung Cancer. [4]
- b) Describe the management of T3 N2 M0 NSCLC. [6]

Question Number : 5 Question Id : 32718725797 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 radiotherapy in Hepatobiliary Cancers. [5]
- b) Intravesical therapy in Carcinoma Bladder. [5]

Question Number : 6 Question Id : 32718725798 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 the diagnostic criteria in a case of multiple myeloma. [5]
- b) Describe the treatment strategy in a case of multiple myeloma. [5]

Question Number : 7 Question Id : 32718725799 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 the role of radiotherapy in thyroid tumours. Discuss the role of radioisotopes in thyroid tumours. [5+5]

Question Number : 8 Question Id : 32718725800 Question Type : SUBJECTIVE Consider As

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

Time : 0

Correct Marks : 10

Describe the metaanalysis in support of chemotherapy in head and neck cancers. How will you manage a case of carcinoma oropharynx T4 N2M0? [5+5]

Question Number : 9 Question Id : 32718725801 Question Type : SUBJECTIVE Consider As

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

Time : 0

Correct Marks : 10

What is sentinel node biopsy. How it is done for carcinoma breast? How will you manage CT2N0M0 disease? Describe the relevant Radiotherapy technique. [2+2+3+3]

Question Number : 10 Question Id : 32718725802 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 mediastinal tumours. [5]

b) Describe the causes and management of SVC syndrome. [5]