

National Board of Examinations

Question Paper Name :	DNB Radiation Oncology Paper2
Subject Name :	DNB Radiation Oncology Paper2
Creation Date :	2024-05-16 18:56:55
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Radiation Oncology Paper2

Group Number :	1
Group Id :	3271872037
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 :	3271872040
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 :	3271872044
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718724613 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) What do you understand by term organ preservation? [3]
- b) Enumerate the organs where organ preservation can be achieved with the use of radiotherapy treatment. [3]
- c) How Organ preservation is done in Ca supraglottic larynx? [4]

Question Number : 2 Question Id : 32718724614 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) Current 8th AJCC staging system for oropharyngeal cancer. [5]
- b) Discuss the reasons and evidence of modification of the staging system for oropharyngeal cancer. [5]

Question Number : 3 Question Id : 32718724615 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 and principles of IGRT in the treatment of prostate cancer. [5]
- b) Write treatment prescription for prostate cancer if treated by cyberknife. [5]

Question Number : 4 Question Id : 32718724616 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) Risk stratification in testicular germ cell tumors. [4]
- b) Management options in stage I testicular seminoma. [6]

Question Number : 5 Question Id : 32718724617 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Molecular grouping of breast cancer and its relevance in choosing the therapy for breast cancer. [10]

Question Number : 6 Question Id : 32718724618 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 various nodal stations in mediastinum with help of a neat diagram(s). [5]
- b) Role of radiotherapy in management of a stage III B non small cell lung cancer. [5]

Question Number : 7 Question Id : 32718724619 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Ca esophagus mid third:

- a) Describe the management. [5]
- b) Discuss the various radiotherapy techniques. [5]

Question Number : 8 Question Id : 32718724620 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Hodgkin's disease (HD):

- a) How will you investigate a case of HD? Describe the staging system followed. [5]
- b) Management of Hodgkin's Lymphoma stage IIB, supradiaphragmatic. [5]

Question Number : 9 Question Id : 32718724621 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 pathology and classification of mediastinal mass lesions. [4]
- b) Describe the management of thymoma. [6]

Question Number : 10 Question Id : 32718724622 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Neuroblastoma:

- a) Risk stratification. [5]
- b) Management according to risk groups. [5]