

National Board of Examinations

Question Paper Name :	DNB Radiation Oncology Paper2
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DNB Radiation Oncology Paper2

Group Number :	1
Group Id :	3271871398
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 :	3271871401
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 :	3271871405
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718713062 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. Define the prognostic risk groups based upon the new molecular classification and management of carcinoma endometrium in brief. Write procedure of brachytherapy for postoperative Ca. Endometrium. [7+3]

Question Number : 2 Question Id : 32718713063 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) Presenting symptoms and clinical findings in Human Papilloma Virus (HPV) positive and HPV negative head & neck carcinoma. [5]

b) Recent evidence in management. [5]

Question Number : 3 Question Id : 32718713064 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 types of accelerated hyperfractionation schedules in treatment of head and neck cancers with their rationale. What is the evidence regarding benefit of the above approaches in treatment of locally advanced head and neck cancer? [3+7]

Question Number : 4 Question Id : 32718713065 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 prostate cancer. [4]

b) Indications and dose schedules in hypofractionated EBRT in prostate cancer with evidence. [6]

Question Number : 5 Question Id : 32718713066 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) Diagnostic workup in a case of suspected testicular mass. [3]

b) Staging classification of testicular cancer and management of a case of pure seminoma Stage II B. [3+4]

Question Number : 6 Question Id : 32718713067 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 role of radiotherapy in lung cancers. [5]

b) Strategies for managing motion in SBRT for lung tumours. [5]

Question Number : 7 Question Id : 32718713068 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) Radiotherapy techniques relevant in the planning for a post left sided breast conservation radiotherapy for a 45-years-old lady with Carcinoma breast T2N1M0. [5]
- b) Radiotherapy to intact breast planning, various hypofractionated schedules in use. [5]

Question Number : 8 Question Id : 32718713069 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) What is Involved Field Radiation Therapy (IFRT), Involved Nodal Radiation Therapy (INRT) and Involved Site Radiation Therapy (ISRT)? [3]
- b) ISRT technique for bulky mediastinal adenopathy and its advantages. [3]
- c) Role of radiotherapy in the management of favourable prognosis Stage I to II A classic Hodgkin's lymphoma. [4]

Question Number : 9 Question Id : 32718713070 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) What is meant by APBI? [2]
- b) What is the rationale for APBI? [2]
- c) What are the various ways, including dose schedules, in which APBI is done? [2]
- d) Discuss the clinical evidence in favour of or against APBI. [4]

Question Number : 10 Question Id : 32718713071 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 indications, dose schedule, technique and results of radiation therapy in Wilms' tumor.

[10]