

National Board of Examinations

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| Question Paper Name : | DNB Radiation Oncology Paper4 |
| Subject Name : | DNB Radiation Oncology Paper4 |
| Creation Date : | 2021-08-27 20:12:49 |
| Duration : | 180 |
| Total Marks : | 100 |
| Display Marks: | No |

DNB Radiation Oncology Paper4

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| Group Number : | 1 |
| Group Id : | 327187312 |
| 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 |

DNB Radiation Oncology Paper4

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|--------------------------------|-----------|
| Section Id : | 327187315 |
| Section Number : | 1 |
| Section type : | Offline |
| Mandatory or Optional : | Mandatory |

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|---|-----------|
| 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 : | 327187319 |
| Question Shuffling Allowed : | No |

Question Number : 1 Question Id : 3271871641 Question Type : SUBJECTIVE

Correct Marks : 10

Enumerate Radiation Accidents. Describe any one in detail. [3+7]

Question Number : 2 Question Id : 3271871642 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss the indications, technique and results of HIPEC in modern oncology practice. [2+6+2]

Question Number : 3 Question Id : 3271871643 Question Type : SUBJECTIVE

Correct Marks : 10

a) OER. [5]

b) LET. [5]

Question Number : 4 Question Id : 3271871644 Question Type : SUBJECTIVE

Correct Marks : 10

Enumerate various type of PET-CT Scan's used in oncology. Describe PSMA PET-CT in detail. [10]

Question Number : 5 Question Id : 3271871645 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss the indications, technique and results of Radio-Iodine therapy in thyroid cancer. [3+5+2]

Question Number : 6 Question Id : 3271871646 Question Type : SUBJECTIVE

Correct Marks : 10

Describe molecular classification of ependymoma. Describe role of Radiotherapy in ependymoma.
[3+7]

Question Number : 7 Question Id : 3271871647 Question Type : SUBJECTIVE

Correct Marks : 10

Describe Proton Beam Therapy. Discuss its clinical applications and results. [5+5]

Question Number : 8 Question Id : 3271871648 Question Type : SUBJECTIVE

Correct Marks : 10

- a) IMRT. [5]
- b) Cyberknife. [5]

Question Number : 9 Question Id : 3271871649 Question Type : SUBJECTIVE

Correct Marks : 10

Define maximum permissible dose. Describe Radiation Protection in detail. [2+8]

Question Number : 10 Question Id : 3271871650 Question Type : SUBJECTIVE

Correct Marks : 10

Describe interaction of Radiation with matter. [10]