

# National Board of Examinations

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

**Is this Group for Examiner? :** No

**Enable Mark as Answered Mark for Review and Clear Response :** Yes

## **Question Number : 1 Question Type : SUBJECTIVE**

- a) What are the treatment options for a 60-year-old man with localised intermediate risk prostate cancer? [5]
- b) What is the appropriate radiotherapy dose for intermediate and high-risk prostate cancer? [2]
- c) Discuss the role of various low dose rate brachytherapy seeds in the management of ca prostate. [3]

## **Question Number : 2 Question Type : SUBJECTIVE**

- a) Role of and evidence for concurrent chemoradiation in muscle invasive bladder cancer. [5]
- b) Role of immunotherapy in the treatment of metastatic bladder cancer. [5]

## **Question Number : 3 Question Type : SUBJECTIVE**

- a) Evidence to support equivalence of breast conservation therapy to mastectomy with regard to survival. [5]
- b) What is the Bioscore incorporated in the staging of carcinoma breast as per AJCC 8th edition? [5]

## **Question Number : 4 Question Type : SUBJECTIVE**

- a) What is the role of prophylactic cranial irradiation in limited stage small cell lung cancer? [4]
- b) First line therapy for metastatic NSCLC positive for ALK/ROS 1 rearrangement. [3]
- c) First line therapy for metastatic NSCLC positive for 50% PD-L1. [3]

**Question Number : 5 Question Type : SUBJECTIVE**

- a) Describe the stage-wise incidence of pelvic and para-aortic nodal involvement in carcinoma cervix. [4]
- b) Discuss the role of para-aortic radiation in carcinoma cervix. [3]
- c) Briefly describe the role, indications and dose schedules of interstitial brachytherapy in carcinoma cervix. [3]

**Question Number : 6 Question Type : SUBJECTIVE**

- a) Management paradigm for standard risk medulloblastoma. [5]
- b) Radiotherapy dose and volume for Ewing's sarcoma in definitive and adjuvant setting. [5]

**Question Number : 7 Question Type : SUBJECTIVE**

- a) Hypofractionation for early glottic cancer. [5]
- b) indications of adjuvant RT in post-operative salivary gland cancer. [5]

**Question Number : 8 Question Type : SUBJECTIVE**

- a) Role of adjuvant RT after gross total resection of differentiated carcinoma thyroid. [5]
- b) Indications for adjuvant RT for management of thymic malignancies. [5]

**Question Number : 9 Question Type : SUBJECTIVE**

- a) Radiotherapy in solitary plasmacytoma. [5]
- b) Oligometastasis. [5]

**Question Number : 10 Question Type : SUBJECTIVE**

- a) Total skin electron therapy for mycosis fungoides. [5]
- b) MRI guided adaptive brachytherapy. [5]