

National Board of Examinations

Question Paper Name : DNB Nuclear Medicine Paper4

Is this Group for Examiner? : No

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

Question Number : 1 Question Type : SUBJECTIVE

Recent developments in PET/MR technology. [10]

Question Number : 2 Question Type : SUBJECTIVE

PET/CT Response assessment criteria in patients on immunotherapy. [10]

Question Number : 3 Question Type : SUBJECTIVE

a) Amyloid and Tau PET/CT imaging in Alzheimer's disease. [5]

b) Role of Nuclear Medicine in organ transplant evaluations. [5]

Question Number : 4 Question Type : SUBJECTIVE

a) Positron Emission Mammography and its limitations. [5]

b) Radionuclides for Targeted Alpha Therapy (TAT). [5]

Question Number : 5 Question Type : SUBJECTIVE

a) PET/CT guided Biopsy and its limitations. [5]

b) Role of Dosimetry in TARE. [5]

Question Number : 6 Question Type : SUBJECTIVE

- a) Ga68-Exendin PET/CT imaging. [5]
- b) Ga68-Pentixafor PET/CT imaging. [5]

Question Number : 7 Question Type : SUBJECTIVE

Classify lung NETs. Discuss Radionuclide therapy options in atypical carcinoids. [3+7]

Question Number : 8 Question Type : SUBJECTIVE

- a) PET/CT in Radiotherapy Treatment Planning. What are its limitations? [3+2]
- b) Define radioiodine resistant DTC (RR-DTC). Which is the most controversial sub-type? [3+2]

Question Number : 9 Question Type : SUBJECTIVE

¹³¹I-MIBG Therapy in Neuroblastomas: Indications, patient preparations, protocols and limitations. [10]

Question Number : 10 Question Type : SUBJECTIVE

In PRRT, what are the renal protections options available: Indications, patient preparations, protocols and limitations. [10]