

# National Board of Examinations

**Question Paper Name :** DNB Nuclear Medicine Paper3

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

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

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

What are the benign tumours of bone simulating malignancy? Discuss the role of Nuclear Imaging in the diagnosis of primary bone tumours. [4+6]

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

- a) Role of Nuclear Medicine in the management of gastrinoma. [5]
- b) Role of PET/CT imaging in the management of Head & Neck squamous cell carcinomas. [5]

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

Hepatobiliary scintigraphy: Radiopharmaceuticals, clinical indications and advantages over conventional imaging techniques. [3+4+3]

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

- a) Pharmacological Stress in Nuclear Cardiology. [5]
- b) Nuclear Medicine techniques and radiopharmaceuticals in the evaluation of epileptic disorders. [5]

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

Management of pediatric DTC patients with pulmonary metastasis. [10]

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

- a) Radionuclide imaging of pancreatic NETs. [5]
- b) Radionuclides and techniques used for Radiation Synevectomy. [5]

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

- a) Role of Nuclear Medicine in GI Bleed, and discuss its advantages and disadvantages. [5]
- b) What are the current techniques used for parathyroid imaging? [5]

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

- a) Role of PET/CT in the response assessment of multiple myeloma. [5]
- b) Define castration resistant prostatic cancer. Discuss radionuclide imaging and therapy approaches in mCRPC. [2+3]

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

- a) FES PET/CT Imaging in breast cancer. [5]
- b) Lenvatinib versus Sorafenib versus Cabozantinib. [5]

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

Management of patients with Graves' disease. [10]