

National Board of Examinations

Question Paper Name :

DNB Nuclear Medicine Paper3

Subject Name :

DNB Nuclear Medicine Paper3

Duration :

180

Total Marks :

100

Display Marks:

No

Maximum Instruction Time :

0

Question Number : 1 Question Id : 32718733274 Consider As Subjective : Yes

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. a) Diuretic Renogram and various protocols with their relevant clinical applications. [5]
b) DRCG vs MCUG. [5]

Question Number : 2 Question Id : 32718733275 Consider As Subjective : Yes

- a) PET/CT in IG4 diseases. [5]
b) Dacryoscintigraphy. [5]

Question Number : 3 Question Id : 32718733276 Consider As Subjective : Yes

- a) Role of bone scan in a child with painful limp. [5]
b) SPECT-CT in sports injuries. [5]

Question Number : 4 Question Id : 32718733277 Consider As Subjective : Yes

- a) Causes of hypertension in young adult. [2]
b) Role of in the nuclear medicine in the investigation of young hypertensive. [8]

Question Number : 5 Question Id : 32718733278 Consider As Subjective : Yes

Enumerate various complications encountered in high dose I-131 MIBG therapy patients during admission and after discharge. Mention briefly about the management of each of them. [10]

Question Number : 6 Question Id : 32718733279 Consider As Subjective : Yes

Describe PET/CT in breast cancer. How to incorporate it in treatment algorithm in breast cancer? [10]

Question Number : 7 Question Id : 32718733280 Consider As Subjective : Yes

- a) Role of myocardial perfusion imaging in acute coronary syndrome. [5]
- b) Preparation and protocols in PET myocardial viability imaging. [5]

Question Number : 8 Question Id : 32718733281 Consider As Subjective : Yes

- a) Radionuclide gastric emptying studies. [5]
- b) Role of NM techniques in evaluation of liver transplant. [5]

Question Number : 9 Question Id : 32718733282 Consider As Subjective : Yes

- a) PET-CT in thrombus Imaging. [5]
- b) Various causes of GB dyskinesia and role of nuclear medicine in evaluation. [5]

Question Number : 10 Question Id : 32718733283 Consider As Subjective : Yes

- a) Advantages and disadvantages of SPECT-CT in PTE over CT pulmonary angiogram. [5]
- b) PET-CT in carcinoma of unknown primary. [5]