

National Board of Examinations

Question Paper Name :	DNB Nuclear Medicine Paper3
Subject Name :	DNB Nuclear Medicine Paper3
Creation Date :	2023-10-15 15:58:42
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Nuclear Medicine Paper3

Group Number :	1
Group Id :	3271872561
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DNB Nuclear Medicine Paper3

Section Id :	3271872564
Section Number :	1
Section type :	Offline

Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872568
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718726063 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

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. Discuss the management of radioiodine refractory thyroid cancer. Describe the salient features of any one of the recently conducted trials. [7+3]

Question Number : 2 Question Id : 32718726064 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Write about the latest WHO classification of neuroendocrine tumours (NETs). Discuss the nuclear medicine role in imaging and therapy for metastatic/ inoperable NETs. [3+7]

Question Number : 3 Question Id : 32718726065 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Enumerate the Interventions in Nuclear medicine with one example each. [5]

b) Selective Internal Radiation Therapy (SIRT). [5]

Question Number : 4 Question Id : 32718726066 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the different treatment options for a 25-year-old lady with Graves' disease. Discuss the advantages and disadvantages of each treatment option in her case. [6+4]

Question Number : 5 Question Id : 32718726067 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Mention and compare the role of various ^{99m}Tc tracers in gastrointestinal bleeding. [5]

b) Role of nuclear medicine in evaluation of UTI in paediatric population. [5]

Question Number : 6 Question Id : 32718726068 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) PET/CT imaging in IgG4 related disease. [5]

b) Common artifacts in PET/CT imaging. [5]

Question Number : 7 Question Id : 32718726069 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Role of nuclear medicine imaging in complex regional pain syndrome. [5]
- b) Oesophageal transit scintigraphy. [5]

Question Number : 8 Question Id : 32718726070 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Cardiac PET in myocardial viability. [5]
- b) Role of Nuclear Medicine in evaluation of painful limp in an adult. [5]

Question Number : 9 Question Id : 32718726071 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Enumerate the various causes of movement disorders. [4]
- b) Discuss the role of nuclear medicine imaging in typical and atypical Parkinson's disease. [6]

Question Number : 10 Question Id : 32718726072 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) F-18 fluorocholine PET/CT imaging in hyperparathyroidism. [5]
- b) PETVAS score. [5]