

National Board of Examinations

Question Paper Name :	DNB Radio Diagnosis Paper2
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DNB Radio Diagnosis Paper2

Group Number :	1
Group Id :	327187189
Group Maximum Duration :	0
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Is this Group for Examiner? :	No

DNB Radio Diagnosis Paper2

Section Id :	327187192
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory

Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	327187196
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 327187410 Question Type : SUBJECTIVE

Correct Marks : 10

Describe the anatomy of bronchopulmonary segments on radiographs and CT. Discuss the hilar overlay and hilar convergence signs and their utility. [5+5]

Question Number : 2 Question Id : 327187411 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe in brief the pathology of lung malignancy. [2]
- b) Discuss the 8th edition of TNM staging of lung cancer. [5]
- c) Discuss the role of FDG PET in a case of lung cancer. [3]

Question Number : 3 Question Id : 327187412 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe the boundaries and contents of the mediastinal compartments on CT as outlined by International Thymic Malignancy Interest Group (ITMIG) classification system. [4]
- b) Describe the clinical profile and imaging findings of a patient presenting with thymoma. [4]
- c) Describe the differentiation of thymoma from thymic hyperplasia. [2]

Question Number : 4 Question Id : 327187413 Question Type : SUBJECTIVE

Correct Marks : 10

- a) What is the imaging approach to a patient with abdominal trauma? [5]
- b) Describe the imaging findings in splenic trauma. [5]

Question Number : 5 Question Id : 327187414 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Discuss dark blood and white blood imaging in Cardiac MRI. [5]
- b) Discuss the viability study of the myocardium and its role in ischemic heart disease. [5]

Question Number : 6 Question Id : 327187415 Question Type : SUBJECTIVE

Correct Marks : 10

What is the role of various imaging modalities used for evaluation of peripheral arterial disease? Describe their advantages and disadvantages. [4+3+3]

Question Number : 7 Question Id : 327187416 Question Type : SUBJECTIVE

Correct Marks : 10

Describe the various MDCT reconstruction techniques for evaluation of airway. What are the imaging features of intraluminal tracheobronchial lesions? [5+5]

Question Number : 8 Question Id : 327187417 Question Type : SUBJECTIVE

Correct Marks : 10

Describe the CT imaging features of constrictive pericarditis. Describe the radiographic features of mitral valve disease. [5+5]

Question Number : 9 Question Id : 327187418 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Define a solitary pulmonary nodule. [2]
- b) Discuss the differential diagnosis. [4]
- c) Describe the various imaging features to characterize a solitary pulmonary nodule as benign or malignant. [4]

Question Number : 10 Question Id : 327187419 Question Type : SUBJECTIVE

Correct Marks : 10

a) Describe the imaging evaluation of a patient with pelvic fractures. [4]

b) Describe the patterns of osseous and soft tissue injuries in pelvic fractures. [6]