

# National Board of Examinations

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

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

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

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

- a) What are the various compartments of mediastinum on radiograph? [2]
- b) Enumerate various Pediatric mediastinal masses. [2]
- c) Discuss imaging findings of masses in posterior compartment in a 1 year old child. [6]

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

What is the pathophysiology of pulmonary changes in Covid-19? Briefly discuss the chest CT protocol for imaging patients with COVID-19. Discuss chest CT findings in these patients. [3+2+5]

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

Describe the CT protocol for imaging a 50 year old male patient, presenting in emergency with acute chest pain. Discuss the likely causes and their imaging findings in such patient. [5+5]

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

What are the possible causes of hilar lymph node enlargement? How would you differentiate them on CT chest? [4+6]

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

Illustrate the life cycle of Echinococcus granulosus. What are the various imaging features of pulmonary hydatid infection? [5+5]

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

Discuss in brief, the technique and indication, of any five 'views' while doing a X-ray chest.

[2+2+2+2+2]

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

- a) Imaging features of various congenital cyanotic heart diseases on Chest Radiograph. [5]
- b) CT features of Chronic Pulmonary Thrombo-embolism. [5]

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

- a) Role of imaging in evaluation of patient with varicose veins. [5]
- b) Role of MRI in ischemic heart disease. [5]

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

Discuss differential diagnosis of:

- a) Cavitating Pulmonary lesions. [5]
- b) Calcifications on X-ray chest. [5]

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

Imaging findings of:

- a) Mitral stenosis. [5]
- b) Renal artery stenosis. [5]