

# NEET SS 2024 Diploma Radio Diagnosis Question Paper 2

Time Allowed :3 Hours | Maximum Marks :100 | Total Questions :10

## General Instructions

**Read the following instructions very carefully and strictly follow them:**

1. The test is of 3 hours duration.
2. The question paper consists of 10 questions. The maximum marks are 100.
3. Each Question is of 10 marks.

**Q1.** a) Discuss the imaging features of pulmonary aspergillosis. [5]

---

**Q1.** b) Pulmonary nodules on HRCT chest. [5]

---

**Q2.** Enumerate the structures forming the right and left heart border on a plain chest radiograph (PA view). Discuss the features of enlargement of various cardiac chambers on a plain radiograph. [2+8]

---

**Q3.** Discuss placental evaluation by ultrasound. Discuss the imaging findings in placenta accreta spectrum disorders. [5+5]

---

**Q4.** a) Discuss the imaging features of scurvy on a plain radiograph. [5]

---

**Q4.** b) Avascular necrosis (AVN) of hip on X-ray and MRI. [5]

---

**Q5.** Discuss the neuro-imaging features of hypoxic ischemic encephalopathy (HIE) in term and preterm births. [5+5]

---

---

**Q6.** a) Ultrasound BI-RADS. [5]

---

**Q6.** b) Role of MR perfusion in evaluation of breast masses. [5]

---

**Q7.** Classify Mullerian duct anomalies. Discuss the imaging approach in Mullerian duct anomalies, describing their imaging features briefly. [2+8]

---

**Q8.** A patient presents with progressive painless proptosis of the left eye. Enumerate the various pathologies that can cause proptosis, with respect to different compartments of the orbit on imaging. Discuss the imaging features of pathologies affecting the intra-conal compartment of the orbit. [3+7]

---

**Q9.** How are Idiopathic Interstitial Pneumonias (IIPs) classified? Discuss the imaging approach in Idiopathic Interstitial Pneumonias (IIPs) including CT imaging protocol and salient imaging features. [2+(2+6)]

---

**Q10.** Enumerate the various neck spaces in the infrahyoid compartment of neck and illustrate them with a well labelled diagram. Discuss the carotid space in detail, including the imaging features of pathologies in this space. [5+5]