

# National Board of Examinations

<b>Question Paper Name :</b>	Diploma Radio Diagnosis Paper2
<b>Subject Name :</b>	Diploma Radio Diagnosis Paper2
<b>Creation Date :</b>	2024-12-16 09:44:16
<b>Duration :</b>	180
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<b>Actual Answer Key :</b>	No

## Diploma Radio Diagnosis Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	3271873264
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
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<b>Break time :</b>	0
<b>Group Marks :</b>	100

## Diploma Radio Diagnosis Paper2

<b>Section Id :</b>	3271873267
<b>Section Number :</b>	1
<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271873271
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 32718734584 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**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. a) Discuss the imaging features of pulmonary aspergillosis. [5]
- b) Pulmonary nodules on HRCT chest. [5]

**Question Number : 2 Question Id : 32718734585 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

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]

**Question Number : 3 Question Id : 32718734586 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

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

**Question Number : 4 Question Id : 32718734587 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Discuss the imaging features of:

- a) Scurvy on a plain radiograph. [5]
- b) Avascular necrosis (AVN) of hip on X-ray and MRI. [5]

**Question Number : 5 Question Id : 32718734588 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

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

**Question Number : 6 Question Id : 32718734589 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Ultrasound BI-RADS. [5]
- b) Role of MR perfusion in evaluation of breast masses. [5]

**Question Number : 7 Question Id : 32718734590 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

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

**Question Number : 8 Question Id : 32718734591 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

A patient presents with progressive painless proptosis of 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 orbit. [3+7]

**Question Number : 9 Question Id : 32718734592 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

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)]

**Question Number : 10 Question Id : 32718734593 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

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]