National Board of Examinations

Question Paper Name :	DNB Radio Diagnosis Paper2
Subject Name :	DNB Radio Diagnosis Paper2
Creation Date :	2024-05-16 18:57:05
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Radio Diagnosis Paper2

Group Number :	1
Group Id :	3271872041
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 Radio Diagnosis Paper2

Section Id :	3271872044
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 :	3271872048
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718720082 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. Describe the different anatomical variants of coronary arteries. Enumerate the dangerous or malignant coronary artery anomalies. [7+3]

Question Number : 2 Question Id : 32718720083 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Briefly describe the anatomy of diaphragm. Discuss the imaging features of traumatic Diaphragmatic hernia. [2+8]

Question Number : 3 Question Id : 32718720084 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) Describe plain radiographic features of Left atrial enlargement. [5]

b) Discuss the findings of unilateral pneumothorax on supine chest radiograph. [5]

Question Number : 4 Question Id : 32718720085 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What are the causes of non-cardiac chest pain? Describe the role of imaging in these cases. [3+7]

Question Number : 5 Question Id : 32718720086 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the segmental approach to CT imaging evaluation in congenital heart disease. [10]

Question Number : 6 Question Id : 32718720087 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe in brief the Doppler imaging features in a patient with Budd Chiari syndrome. [10]

Question Number : 7 Question Id : 32718720088 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

What is the differential diagnosis of a Solitary pulmonary nodule in the pediatric age group? Describe the imaging findings. [4+6]

Question Number : 8 Question Id : 32718720089 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the technique of MR evaluation of a patient suspected to have low flow vascular malformation. Enumerate the differentiating features of venous malformation, lymphatic malformation and arteriovenous malformation. [5+5]

Question Number : 9 Question Id : 32718720090 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe the principle of color doppler imaging. What is Nyquist limit and how is this concept practically used to prevent artifacts? [5+(3+2)]

Question Number : 10 Question Id : 32718720091 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 12-year-old child presented in the emergency with acute pain in the right iliac fossa. What are the possible causes? Describe their imaging features in brief. [3+7]