

National Board of Examinations

Question Paper Name :	DNB Radio Diagnosis Paper1
Subject Name :	DNB Radio Diagnosis Paper1
Creation Date :	2023-10-15 14:12:14
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Radio Diagnosis Paper1

Group Number :	1
Group Id :	3271872552
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 Paper1

Section Id :	3271872555
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 : 3271872559
Question Shuffling Allowed : No
Is Section Default? : null

Question Number : 1 Question Id : 32718725963 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. What are the risk factors for osteoporosis. Discuss the imaging differential diagnosis of osteoporotic vertebral fracture and their distinguishing features. [2+(4+4)]

Question Number : 2 Question Id : 32718725964 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 anatomy of the subarachnoid spaces. How will you investigate a case suspected of acute subarachnoid hemorrhage. Describe in brief endovascular management of intra-cranial aneurysm. [2+4+4]

Question Number : 3 Question Id : 32718725965 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the techniques, imaging features & limitations of sonographic evaluation of the rotator cuff. [3+4+3]

Question Number : 4 Question Id : 32718725966 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Enumerate causes of hypertrophic osteoarthropathy. Describe its imaging findings on plain radiograph and discuss the differential diagnosis. [3+(3+4)]

Question Number : 5 Question Id : 32718725967 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Enumerate the various types of osteosarcoma. Discuss conventional radiographic features of the most common form. What is the role of MRI in its evaluation? [3+4+3]

Question Number : 6 Question Id : 32718725968 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 imaging features of juvenile nasopharyngeal angiofibroma. Discuss the role of radiological intervention in its management. [5+5]

Question Number : 7 Question Id : 32718725969 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 10

Enumerate the infrahyoid neck spaces. Discuss the imaging features of carotid space pathologies.

[4+6]

Question Number : 8 Question Id : 32718725970 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) Draw representative diagrams of axial and coronal cross sectional anatomy of inner ear. [4]

b) Imaging workup in a child presenting with congenital sensorineural hearing loss. [6]

Question Number : 9 Question Id : 32718725971 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 multisystem imaging features that may be seen in a patient with rheumatoid arthritis? Describe the differentiating radiographic features from erosive osteoarthritis. [7+3]

Question Number : 10 Question Id : 32718725972 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 10

Enumerate pediatric spinal cord neoplasms. Discuss the Radiological features of various intradural extra medullary spinal masses in a child. [3+7]