

National Board of Examinations

Question Paper Name :	DNB Radio Diagnosis Paper4
Subject Name :	DNB Radio Diagnosis Paper4
Creation Date :	2023-10-16 09:54:37
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Radio Diagnosis Paper4

Group Number :	1
Group Id :	3271872555
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 Paper4

Section Id :	3271872558
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 :	3271872562
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718725993 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. Discuss indications, technique and complications of splenic artery embolisation. [2+4+4]

Question Number : 2 Question Id : 32718725994 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 role of interventional radiology in management of portal hypertension. [10]

Question Number : 3 Question Id : 32718725995 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 role of scintigraphy in cardiac imaging with emphasis on myocardial perfusion and viability. [4+6]

Question Number : 4 Question Id : 32718725996 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 basis of BOLD imaging. Write its utility and limitations. [4+6]

Question Number : 5 Question Id : 32718725997 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 principle, various techniques of elastography and their clinical applications. [3+3+4]

Question Number : 6 Question Id : 32718725998 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 technique of MRCP and enumerate the most commonly used sequences. What are the advantages and disadvantages of MRCP vs ERCP? [4+6]

Question Number : 7 Question Id : 32718725999 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Write in brief the principles of radiofrequency ablation [RFA]. Enlist its indications, contraindications and complications in management of hepatocellular carcinoma. [4+6]

Question Number : 8 Question Id : 32718726000 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 emergency drugs that should be available in radiology department? What are the clinical hallmarks of severe contrast reaction and discuss its management? [3+(3+4)]

Question Number : 9 Question Id : 32718726001 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 principle of PET scanning? Briefly discuss the role of FDG-PET scanning and importance and clinical utility of two non-FDG molecules of PET scanning. [3+7]

Question Number : 10 Question Id : 32718726002 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Define the statistical terms "accuracy", "positive predictive value" and "negative predictive value", citing their clinical usefulness. [4+3+3]