

National Board of Examinations

Question Paper Name :	Diploma Radio Diagnosis Paper3
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Diploma Radio Diagnosis Paper3

Group Number :	1
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Diploma Radio Diagnosis Paper3

Section Id :	3271873268
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271873272
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718734594 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) Enumerate the various focal benign hepatic lesions that may be seen in adults. [2]
- b) Discuss the role of MR contrast agents in evaluation of focal hepatic masses. [8]

Question Number : 2 Question Id : 32718734595 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Discuss the radiological findings in Crohn's disease. [7]
- b) How can Crohn's disease be differentiated from gastrointestinal tuberculosis on imaging? [3]

Question Number : 3 Question Id : 32718734596 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Discuss the radiological work-up of a prospective renal donor. [5]
- b) What is the role of color Doppler in evaluation of a transplanted kidney in the recipient? [5]

Question Number : 4 Question Id : 32718734597 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Enumerate the various cystic lesions that can occur in the pancreas and discuss their imaging features. [2+8]

Question Number : 5 Question Id : 32718734598 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss the imaging features of:

- a) Paget's disease. [5]
- b) Renal osteodystrophy. [5]

Question Number : 6 Question Id : 32718734599 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) MR spectroscopy in CNS infections. [5]
- b) MR perfusion in brain tumours. [5]

Question Number : 7 Question Id : 32718734600 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) PACS in Radiology. [5]
- b) AI in Radiology. [5]

Question Number : 8 Question Id : 32718734601 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 16-year-old boy presents with recurrent episodes of nasal bleed.

- a) What is the most common lesion that you would suspect in this case? [1]
- b) Discuss its imaging features. [5]
- c) What is the role of interventional radiology in management of this lesion? [4]

Question Number : 9 Question Id : 32718734602 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Enumerate the various interventional radiology(IR) procedures that can be performed in a patient with portal hypertension. [2]
- b) Discuss any two such procedures in details, including its indications, contraindications, procedural details and complications. [4+4]

Question Number : 10 Question Id : 32718734603 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Discuss the classification and imaging features of vascular anomalies. [2+3]
- b) What is the role of interventional radiology in the management of vascular anomalies? [5]