

National Board of Examinations

Question Paper Name :	Diploma Radio Diagnosis Paper1
Subject Name :	Diploma Radio Diagnosis Paper1
Duration :	182
Total Marks :	100
Display Marks:	No
Maximum Instruction Time :	0
Is Section Default? :	No

Question Number : 1 Question Id : 32718748532 Consider As Subjective : Yes

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 anatomy of rotator cuff with the help of a labelled diagram. [5]
b) Briefly discuss the etiology and types of rotator cuff tears on MRI. [5]

Question Number : 2 Question Id : 32718748533 Consider As Subjective : Yes

- a) Discuss the classification of gadolinium contrast media and use of hepato specific gadolinium contrast. [5]
b) Nephrogenic systemic fibrosis. [5]

Question Number : 3 Question Id : 32718748534 Consider As Subjective : Yes

- a) Describe the construction and components of an X-ray tube with the help of a labelled diagram. [5]
b) Describe four main features of a modern CT gantry. [5]

Question Number : 4 Question Id : 32718748535 Consider As Subjective : Yes

- a) Femoro-acetabular impingement syndrome. [5]
b) What are the five main differentials of sclerotic bone tumors? Write brief description of each. [5]

Question Number : 5 Question Id : 32718748536 Consider As Subjective : Yes

- a) Describe the principle and applications of MRI perfusion imaging. [5]
b) Describe briefly the main white blood imaging sequences in MR angiography. [5]

Question Number : 6 Question Id : 32718748537 Consider As Subjective : Yes

Describe the management of severe anaphylaxis reaction in a patient after administration of IV contrast media. [10]

Question Number : 7 Question Id : 32718748538 Consider As Subjective : Yes

- a) Describe briefly the technique and enumerate the current indications of barium swallow examination. [5]
- b) Describe the barium swallow findings in a suspicious malignant stricture of esophagus. [5]

Question Number : 8 Question Id : 32718748539 Consider As Subjective : Yes

Briefly describe the radiological anatomy of pancreas with resectability criteria in carcinoma pancreas. [10]

Question Number : 9 Question Id : 32718748540 Consider As Subjective : Yes

Discuss the role of MRI in management of carcinoma breast. [10]

Question Number : 10 Question Id : 32718748541 Consider As Subjective : Yes

- a) Imaging findings of aortic aneurysm rupture. [5]
- b) Radiological approach to SAH. [5]