

RADIODIAGNOSIS

PAPER - IV

RDG/J/13/40/IV

Time : 3 hours
Max. Marks : 100

IMPORTANT INSTRUCTIONS

- This question paper consists of 10 questions divided into Part 'A' and Part 'B', each part containing 5 questions.
- Answers to questions of Part 'A' and Part 'B' are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to questions of Part 'A' attempted in answer sheet(s) of Part 'B' or vice versa shall not be evaluated.
- Answer sheet(s) of Part 'A' and Part 'B' are not to be tagged together.
- Part 'A' and Part 'B' should be mentioned only on the covering page of the respective answer sheet(s).
- Attempt all questions in order.
- Each question carries 10 marks.

PART A

Write short notes on:

1. Describe the M.R. Anatomy of the shoulder joint. Briefly state the MR sequences you would employ to delineate various lesions of the shoulder joint. 4+6
2. Briefly discuss with diagram the anatomy of Circle of Willis. What are the causes of subarachnoid hemorrhage? Discuss the role of imaging in a case of subarachnoid hemorrhage. 3+3+4
3. a. Ossification of elbow joint and its clinical significance. 5+5
b. Fusion imaging
4. a. Principle of digital radiography. 5+5
b. Clinical applications of molecular imaging
5. a. MR Artefacts 5+5
b. CT Artefacts

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