RADIODIAGNOSIS

PAPER - 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 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

P.T.O