

**RADIODIAGNOSIS**

**PAPER – I**

Time : 3 Hours  
Max. Marks : 100

RDG/D/17/40/I

**IMPORTANT INSTRUCTIONS**

- This question paper consists of 10 questions divided into Part 'A' and part 'B', each part containing 5 questions.
- Answers to question 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 sheets of Part A and Part B are not to be tagged together.
- Part and Part B should be mentioned only on the covering page of the respective answer sheets.
- Attempt all questions in order
- Each question carries 10 marks
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate

Write short notes on:

**PART A**

1. What are causes of hypoxic Ischemic encephalopathy in children and adults? Enumerate imaging features. 2+8
2. What are the varieties of osteosarcoma? Enumerate the imaging features. 2+8
3. What are the differential diagnoses in unilateral exophthalmos in a young adult? Enumerate the radiological investigations and their role and techniques of intervention in carotico-cavernous fistula. 2+8
4. Enumerate masses of developmental origin in neck. Discuss imaging features in each. 3+7
5. What are the clinical features in a patient with rheumatoid arthritis? Describe the various imaging characteristic in rheumatoid arthritis? 4+6

**P.T.O**