

**RADIO DIAGNOSIS**  
**PAPER-I**

TIME: 3 HOURS  
MAX. MARKS: 100

RDG/D/18/40/I

**IMPORTANT INSTRUCTIONS**

- This question paper consists of 10 questions divided into Part “A” and part “B”, each part containing 5 questions.
- Answers to 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 question(s) 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 A 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. Enumerate the various causes of bilateral T2 hyper intense lesions in basal ganglia. Describe the neuroimaging findings in Wilson’s disease. 4+6
2. a) Role of magnetic resonance imaging in head injury. 5 + 5  
b) Role of diffusion weighted imaging in intracranial infections.
3. a) Draw a labelled diagram of a coronal section through the “cavernous sinus”. 5 + 5  
b) Discuss the differential diagnosis of cavernous sinus lesions.
4. Draw a labelled diagram depicting the normal anatomy of orbit. Discuss the imaging findings of orbital pseudotumour and thyroid ophthalmopathy. 5+5
5. a) Computed tomographic and magnetic resonance imaging findings in mycotic sinusitis. 5 + 5  
b) Imaging features of orbital involvement in Neurofibromatosis type 1.

P.T.O.