

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

TIME: 3 HOURS  
MAX. MARKS: 100

RDG/J/19/40/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. Describe the anatomy of larynx with the help of diagrams. 5+5  
How does radiology help to assess staging of laryngeal malignancy?
2. Role of imaging in short stature. 10
3. What are the CNS infections in HIV? Discuss their 2+8  
neuroimaging characteristics.
4. Enumerate the different extraconal lesions of the orbit. Briefly 3+7  
mention their imaging findings.
5. Radiological assessment of CSF rhinorrhea. 10

**P.T.O.**

**RADIOLOGY**  
**PAPER-I**

**Please read carefully the important instructions mentioned on Page '1'**

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

**PART B**

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|---|---------|
| 6. What are the various forms of Langerhans Cell Histiocytosis (LCH)? Describe the radiological features of the imaging spectrum.   | 3+7     |
| 7. Describe the anatomy of cranio-vertebral junction with the help of diagram(s). What are the various radiological measurement parameters to diagnose Basilar Invagination (BI)? | 4+6     |
| 8. Discuss the various techniques of cartilage imaging. Describe the common sites and imaging features of osteochondral lesions.  | 4+(2+4) |
| 9. Which are the common sites for occurrence of Brown tumours? How will you evaluate the patient to detect the underlying abnormality?  | 4+6     |
| 10. Describe the BI-RADS lexicon pertaining to MR Mammography. Describe the MR Mammography findings in a BI-RADS 5 breast lesion.   | 5+5     |

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