

RADIODIAGNOSIS

PAPER – I

RDG/J/15/40/I

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.*
- *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.*

PART A

Write short notes on:

1. a) Enumerate various neurocutaneous syndromes. 2+(2+4+2)
b) Aetiopathogenesis, imaging features and associations of Sturge-Weber syndrome.
2. Cystic lesions of posterior fossa and their differential diagnosis. 2+8
3. Various osseous changes seen in neurofibromatosis. 10
4. Causes of paravertebral shadow in lumbar region and their differential diagnosis. 2+8
5. a) How do you classify orbital masses? 1+3+6
b) Enumerate various causes of orbital masses.
c) MR features of orbital pseudotumours.

P.T.O.

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Please read carefully the important instructions mentioned on Page ‘1’

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- *Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.*

PART B

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|---|-----|
| 6. Staging and imaging features of juvenile nasopharyngeal angiofibroma. | 4+6 |
| 7. a) Enumerate different varieties of osteosarcoma.
b) Imaging features of various surface osteosarcomas. | 3+7 |
| 8. a) Pathophysiology of different types of hyperparathyroidism.
b) Imaging features of primary hyperparathyroidism. | 4+6 |
| 9. a) MR anatomy of knee joint.
b) Role of MRI in evaluation of meniscal injuries. | 4+6 |
| 10. Causes of demyelinating lesions of spinal cord and their imaging features. | 3+7 |
