

RADIO DIAGNOSIS

PAPER - II

RDG/J/13/40/II

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.

PART A

1. What is osteoporosis? Enumerate causes of osteoporosis. Discuss any three imaging modalities currently in vogue for assessment of bone mineral density. 2+2+6
2. Classify neural tube closure defects of brain. Briefly describe types of Arnold Chiari malformation and discuss their imaging findings. 2+2+6
3. What are the key clinical features, common sites and radiological findings in Ewing's sarcoma? Discuss its differential diagnosis in brief. (2+2+4)+2
4. Discuss the etiology and characteristic imaging findings in 'ring-enhancing lesions' of the brain. 3+7
5. What are the common sellar and parasellar lesions? Describe the key radiological findings in craniopharyngioma on skull radiographs, CT and MR imaging. 4+(2+2+2)

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