

RADIODIAGNOSIS

PAPER - III

RDG/J/13/40/III

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

Write short notes on:

1. Define strain & shear wave elastography. Discuss its role in breast, prostatic and musculoskeletal lesion. Compare its sensitivity and specificity with MR elastography. 2+6+2
2. Enumerate causes of painful limp in a child unable to bear weight. Briefly discuss role of plain X-ray, arthrography, US, CT, MRI & scintigraphy in arriving at diagnosis. 2+2+1+1+1+2+1
3. a. CT Vs MR Urography. 5+5
b. CT Vs MR Enteroclysis.
4. Discuss the role of contrast enhanced MR Imaging and organ specific MR contrast media. 3+7
5. a. Radio isotope scanning of the skeletal system. 5+5
b. Clinical applications of 3D & 4D ultrasound.

P.T.O