

RADIODIAGNOSIS
PAPER-II

TIME: 3 HOURS
MAX. MARKS: 100

RDG/J/19/40/II

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. How do you classify aortic aneurysms? Discuss the role of radiological intervention in abdominal aortic aneurysms. What can be the possible complications post intervention? | 3+4+3 |
| 2. Pathogenesis and the spectrum of plain radiography findings in rheumatic heart disease. | 5+5 |
| 3. Radiological spectrum of pulmonary Aspergillosis. | 10 |
| 4. Role of radiology in diagnosing and treating renovascular hypertension. | 6+4 |
| 5. Radiology of posterior mediastinal masses in children. | 10 |

P.T.O.

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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

- | | | |
|-----|--|-------|
| 6. | Discuss the various imaging features of trauma to the chest. What are the imaging findings in broncho-pleural fistula? | 7+3 |
| 7. | Classify interstitial lung disease and give the relevant HRCT findings in each. | 4+6 |
| 8. | What are the indications for cardiac evaluation of "delayed hyper-enhancement" (DHE) in MRI? Which MRI sequences are usually needed for DHE assessment? Describe the cardiac MRI features of Hypertrophic Obstructive Cardiomyopathy (HOCM). | 3+3+4 |
| 9. | Tabulate the grading of liver trauma. What are the important delayed complications of injury to the liver? | 5+5 |
| 10. | Describe the common variations in anatomy of aortic arch branches. | 10 |
