

RADIODIAGNOSIS

PAPER – II

RDG/J/15/40/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.*
- *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) Causes of mediastinal lymphadenopathy. 3+7
b) Role of imaging in their differentiation.

2. An adult male presents with recurrent chest infections and a cavitating lung lesion in left lower zone in a chest radiograph. 2+4+4
Discuss the differential diagnosis and imaging features in two most likely causes.

3. Causes of pleural masses and their imaging features. 3+7

4. a) Anatomic location and patterns of diaphragmatic rupture. 3+7
b) Role of imaging in its evaluation.

5. a) Enumerate various heart diseases with cyanosis and increased pulmonary circulation. 2+4+4
b) Imaging features in any two such diseases.

P.T.O.

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

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PART B

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|-----|--|---------|
| 6. | a) Role of different imaging modalities in evaluation of a case of limb ischemia. | 8+2 |
| | b) Role of interventional procedures in these patients. | |
| 7. | a) Enumerate causes of thoracic aortic aneurysm. | 2+(4+4) |
| | b) Role of CT angiography in diagnosis and management of aortic dissection. | |
| 8. | Aetiopathogenesis, clinical forms, complications and radiological features of silicosis. | 2+2+2+4 |
| 9. | a) Define Pulmonary Hypertension. | 2+(2+6) |
| | b) Enumerate its causes and describe the imaging findings. | |
| 10. | a) Venous anatomy of lower limb with the help of a diagram. | 3+(3+4) |
| | b) Technique of Colour Doppler imaging of lower limb veins and imaging features of deep vein thrombosis. | |
