

RADIODIAGNOSIS

PAPER – II

RDG/J/17/40/II

Time : 3 hours

Max. Marks : 100

Important instructions:

- 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:

1. a) Pathophysiology of pulmonary edema. 4+(3+3)
b) Radiographic and CT signs of pulmonary edema.
2. CT imaging features of: 5+5
a) Constrictive pericarditis.
b) Pulmonary sequestration
3. A 9 year old girl presents with acute right lower quadrant abdominal pain: 2+(4+4)
a) Enumerate the likely causes.
b) Imaging features of the two most common conditions.
4. Imaging features of: 5+5
a) Tetralogy of Fallot (TOF)
b) Ebstein's anomaly
5. a) Technique of High Resolution Computed Tomography (HRCT) of the lung. 3+4+3
b) Radiological features of usual interstitial pneumonia.
c) How does it differ from non-specific interstitial pneumonia?
6. Radiological findings in: 5+5
a) Chance fracture
b) Lunate and perilunate dislocations.
7. Role of imaging in a patient with suspected splenic trauma. 10
8. Colour Doppler flow imaging of carotid artery. 10
9. a) Indications and technique of CT coronary angiography. 5+5
b) Imaging features of lymphangitis carcinomatosa.
10. a) Imaging algorithm in a 40 year old man with hemoptysis. 5+5
b) Role of interventional radiology in this case.
