



**RADIODIAGNOSIS**

**PAPER – II**

RDG/D/14/40/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**

1. Define and enumerate causes of restrictive cardiac diseases. (1+2)+(3+4)  
Discuss the role of various imaging modalities along with imaging features in two such diseases.
2. Enumerate causes of cystic mediastinal lesions. Describe 2+(4+4)  
imaging features in any 2 conditions.
3. A 50 year old male patient presents in emergency with acute 5+5  
chest pain. Discuss the likely causes and approach to  
diagnose such patients. Discuss the role of CT angiography  
in these patients.
4. a) Doppler assessment of AV fistula for hemodialysis 5+5  
access.  
b) Role of MDCT in cyanotic heart disease.
5. a) Castleman's disease. 5+5  
b) Role of Dual energy CT in pulmonary embolism.

P.T.O.