

RADIODIAGNOSIS
PAPER-II

TIME: 3 HOURS
MAX. MARKS: 100

RDG/J/20/40/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. Describe in brief, protocol for CT pulmonary angiography for a suspected case of pulmonary thromboembolism. Describe plain radiographic & CT features of pulmonary thromboembolism. 4+3+3
2. Describe the imaging protocol and role of MRI in evaluation of ischemic heart disease. 5+5
3. a) Hilum overlay sign and its significance on diagnostic radiology. 5+5
b) Cervicothoracic sign and its significance on diagnostic radiology.
4. Describe various types of aortic dissection. Discuss the role of imaging in evaluation of aortic dissection. 5+5
5. Describe various types of lung collapse. Discuss radiologic features of collapse in general and the specific imaging features which help in localization of collapse. 4+6

P.T.O

RADIODIAGNOSIS
PAPER-II

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 indications of imaging in a suspected COVID-19 patient. Describe imaging features and pattern of involvement of respiratory system in COVID-19. | 4+6 |
| 7. | Discuss various imaging signs of diaphragmatic injury. Describe the differences between blunt and penetrating diaphragmatic injury. Discuss signs to differentiate diaphragmatic hernia from eventration and paralysis. | 5+2+3 |
| 8. | Discuss the radiological anatomy of coronary arteries. Describe the technique of CT coronary angiography. Discuss the recent advances in assessment of coronary artery stenosis by CT angiography. | 3+3+4 |
| 9. | Discuss the imaging approach to acute limb ischemia. Discuss the interventional radiological treatment options for it. | 5+5 |
| 10. | Discuss the imaging evaluation of various catheters, tubes and lines seen on a chest radiograph in an ICU setting. | 10 |
