RADIOLOGY
PAPER – III

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. Abdominal radiograph shows pneumointestinalis in a 55 year old male patient. Enumerate various causes. Describe the role of MDCT and imaging features in 2 such conditions. 2+8

2. Draw a neat diagram showing the anatomy of retroperitoneum. What are various conditions affecting perinephric space. Describe imaging features in three such conditions. 2+2+6

3. What are the causes of painless hematuria in a 50 year old male patient? Discuss the imaging features and role of interventional radiology in two such pathologies. 2+(4+4)

4. Enumerate causes of first trimester bleeding. Discuss the imaging features to diagnose and follow-up such patients. 3+7

5. a) Placenta accreta – Pathophysiology and imaging findings. 5+5
   b) Anomalous pancreatico-biliary ductal junction and its complications.