

**RADIO DIAGNOSIS**  
**PAPER-III**

TIME: 3 HOURS  
MAX. MARKS: 100

RDG/J/19/40/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 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. Etiology and characteristic imaging findings of retroperitoneal fibrosis. 3+7
2. Mention causes of solitary hepatic space occupying lesions. How can MRI help in differentiating them? 4+6
3. A patient present with 10 weeks amenorrhoea followed by bleeding per vaginum. What are the possible causes and how will you evaluate the patient radiologically? 4+6
4. Role of imaging in acute pancreatitis. 10
5. What are the sites of origin of Pheochromocytoma? Describe the imaging features of this tumour and its differentials. 3+(4+3)

**P.T.O.**

**RADIO DIAGNOSIS**  
**PAPER-III**

**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**

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|-----|--|-------|
| 6.  | What are the causes of an acute abdomen in a neonate?<br>What are imaging features of necrotizing enterocolitis?   | 4+6   |
| 7.  | What are the sites of physiological indentation of the esophagus? Discuss radiological diagnosis of achalasia cardia and its complications. What is the role of radiological intervention? | 2+5+3 |
| 8.  | Pathogenesis of genito-urinary tuberculosis and its imaging findings in CT scan.   | 3+7   |
| 9.  | Mention the various causes of infertility in male. Describe the role of imaging in the evaluation of erectile dysfunction.   | 3+7   |
| 10. | Role of Doppler in pregnancy.  | 10    |

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