

**RADIODIAGNOSIS**  
**PAPER-III**

TIME: 3 HOURS  
MAX. MARKS: 100

RDG/J/20/40/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. Discuss the causes and radiological features of Budd Chiari Syndrome. Discuss the role of Interventional Radiology in treatment of Budd Chiari Syndrome. 7+3
2. a) Imaging workup of a potential renal donor. 5+5  
b) Imaging evaluation of vascular complications of a transplant kidney.
3. Enumerate various internal hernias. Discuss in detail imaging features of any two internal hernias. 2+8
4. Describe imaging algorithm in a suspected case ectopic pregnancy. Describe role of imaging in differentiating three common clinical mimics of ectopic pregnancy. 5+5
5. Discuss the classification and imaging features of cystic neoplasms of pancreas. 3+7

**P.T.O**

**RADIODIAGNOSIS**  
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**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. Describe TNM staging of bladder cancer. Draw a schematic diagram of T staging of bladder tumour. Enumerate the role of ultrasound, computed tomography and MRI in the diagnosis and staging of the bladder carcinoma. 2+2+(2+2+2)
7. Describe various indications, protocol, advantages and disadvantages of fetal MRI. 2+3+3+2
8. What are the various causes of acute mesenteric ischemia? Discuss the role of radiology in its diagnosis and management. 3+(5+2)
9. Describe briefly segmental anatomy of liver with line diagram. Describe imaging (CT & MRI) features in hepatocellular carcinoma. 4+(3+3)
10. a) Role of plain radiograph in a case of acute abdomen. 5+5  
b) Role of MRI in acute pancreatitis.

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