

**SURGICAL GASTROENTEROLOGY**  
PAPER – I

GIS/J/17/46/I

Time : 3 hours  
Max. Marks : 100

**Important instructions:**

- 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:

1. a) Enumerate the indications of total gastrectomy. 3+7  
b) Method(s) of reconstruction in total gastrectomy.
2. a) Components of 2-field and 3-field esophagectomy. (2+2)+6  
b) Their present role in the management of carcinoma esophagus.
3. Anatomy of the caudate lobe of the liver as relevant to the excision of a caudate lobe tumour. 10
4. Diagnosis and management of a patient with post-esophagectomy thoracic duct surgery. 4+6
5. Anatomy of the colon in relation to its use as a replacement organ after esophagectomy with emphasis on the vascular supply. 10
6. How will you manage a needle stick injury to a healthcare personnel during a right hepatectomy in a patient with hepatitis B virus infection? 10
7. Evaluation and management of a patient with megaesophagus. 5+5
8. Evaluation and management of suspected necrosis of the esophagus following corrosive ingestion in a patient presenting in the emergency 12 hours later. 5+5
9. Surgical methods for 'morbid obesity' management, and their pros and cons. 6+4
10. Evaluation and management of a patient with 8 cm size gastrointestinal stromal tumour. 4+6

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