

**SURGICAL GASTROENTEROLOGY**  
**PAPER-I**Time: 3 hours  
Max. Marks:100

GIS/J/20/46/I

**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. Molecular biology of GIST and its relevance in the management. 5+5
2. Zenker's diverticulum: anatomy, etiology and management. 3+2+5
3. a) Pros and cons of multi-centric trial. 7+3  
b) Propensity score matching.
4. Anatomy of thoracic duct and its relevance in oesophageal surgery. 5+5
5. a) Thromboelastography. 5+5  
b) Topical haemostatic agents.
6. a) von Hippel Lindau disease. 5+5  
b) Leeds pathology protocol for carcinoma head of the pancreas.
7. a) Abdominal compartment syndrome. 5+5  
b) Narrow band imaging in upper GI neoplasms.
8. Lymphatic drainage of stomach and its surgical relevance various  
modification lymph nodes dissection in carcinoma stomach. 7+3
9. a) Mini gastric bypass. 5+5  
b) Management of duodenal stump blow out.
10. Paradigm shift in the fluid management of acute pancreatitis. 10

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