

**SURGICAL GASTROENTEROLOGY**

PAPER-I

GIS/D/18/46/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. Explain the pathophysiological changes in a patient with surgical obstructive jaundice and the interpretation of liver function tests in such a patient. 6+4
2. a) Anatomy of the hepatic artery and its common variations. 6+4  
b) Injury to the right hepatic artery may not result in ischemic necrosis of the liver. Why?
3. a) Evaluating pancreatic functions. 4+3+3  
b) Ectopic varices.  
c) Vascular supply of the colon.
4. What is Roux stasis syndrome? Discuss its management. 4+6
5. Staging of cancer stomach and the changes in the AJCC 8th edition compared to the 7th edition. 10
6. Evaluation and management of a patient with massive upper gastrointestinal bleeding. 5+5
7. Evaluation and surgical management of gastro-esophageal reflux disease. 5+5
8. Evaluation and management of a patient with a duodenal stump blow out. 5+5
9. a) Selection of a bariatric surgical procedure based on BMI. 5+5  
b) What are the long term complications of bariatric surgery?
10. a) Discuss 2-field versus 3-field lymphadenectomy in a patient with squamous cell cancer of the middle third of the esophagus. 7+3  
b) List the possible advantages of a robotic esophagectomy in esophageal cancer.

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