

**SURGICAL GASTROENTEROLOGY**

PAPER - I

GIS/D/13/46/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.

1. Classify esophageal motility disorders. How will you evaluate such a patient? 3+7
2. What is succus entericus? Briefly mention the fluid and electrolyte losses from a proximal jejunal fistula. 4+6
3. Describe the vascular anatomy of the pancreas. Discuss its relevance in different types of pancreatic head resections. 5+5
4. Write short notes on:- 5+5
  - a) Liver dialysis
  - b) Liver regeneration
5. Describe the adenoma-carcinoma sequence in detail. Discuss the role of specific genes at its different points. How does it play its role in disease control? 5+3+2
6. Write short notes on:- 5+5
  - a) Etiopathogenesis of Crohn's colitis
  - b) Causes of mesenteric ischemia
7. Write short notes on:- 5+5
  - a) PET-CT Vs MRI in the evaluation of colorectal metastasis
  - b) Role of non-radiological tests in Koch's abdomen
8. What is portal biliopathy? Describe the findings of portal biliopathy on USG and MRCP. 2+(4+4)
9. Write short notes on:- 5+5
  - a) Role of Immunohistochemistry (IHC) in Gastrointestinal stromal tumour
  - b) Prophylaxis immunoprotection before splenectomy
10. What is randomization? What are various methods/tools of randomization in clinical medicine? What are the benefits of randomization? 3+4+3

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