Surgical Gastroenterology

Paper - 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:
   a) Liver dialysis 5+5
   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:
   a) Etiopathogenesis of Crohn's colitis 5+5
   b) Causes of mesenteric ischemia

7. Write short notes on:
   a) PET-CT Vs MRI in the evaluation of colorectal metastasis 5+5
   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:
   a) Role of Immunohistochemistry (IHC) in Gastrointestinal stromal tumour 5+5
   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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