

**SURGICAL GASTROENTEROLOGY**

**PAPER – III**

Time : 3 hours  
Max. Marks : 100

SURG. GASTRO/D/17/46/III

**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:

- a) Role of MRI in carcinoma rectum. 5+5
  - b) Short course neoadjuvant treatment for rectal cancer.
2. Current status of robotic pancreatic surgery. 10
- a) STAAR- Indications and outcome. 5+5
  - b) Colonic Transit Time (CTT) & its role in chronic constipation
- a) Peutz Jeghar Syndrome. 5+5
  - b) Microsatellite instability and colorectal cancer.
- a) Role of complete mesocolic excision in colon cancer management 5+5
  - b) Pouch Vaginal fistula - surgical options and its indication.
- a) POEM 5+5
  - b) Capsule Endoscopy.
- a) Impact factor. 5+5
  - b) Certification of Brain stem death as per the Transplantation of Human Organs & Tissues Act.
- a) Inflammatory mediators of acute inflammation. 5+5
  - b) Hyperbaric oxygenation.
- a) Null Hypothesis 3+2+5
  - b) Chi Square Test
  - c) Randomized control trials- Define and give examples in GI surgery
10. Describe in details surgical indications and type of surgery with its outcome in chronic ulcerative colitis. 10

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