

**SURGICAL GASTROENTEROLOGY**

PAPER – III

SURG. GASTRO/D/15/46/III

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. What is the role of prophylactic antibiotics in colorectal surgery? What is the impact of antibiotics resistance on the outcome of patients undergoing surgery? What measures can be taken to decrease this impact?	4+3+3
2. What is sensitivity, specificity, negative predictive value and positive predictive value of a diagnostic investigation?	2.5x4
3. Outline the management approach of a patient with lower gastrointestinal bleeding.	10
4. Management of a patient presenting with acute severe ulcerative colitis.	10
5. Outline the evaluation of a patient with a colonic motility disorder.	10
6. Current status of Robotic Surgery in Surgical Gastroenterology.	10
7. Ethical concerns in randomizing patients to two different modalities of treatment to assess the efficacy of the therapy for the treatment of a life threatening conditions.	10
8. Peroral endoscopic myotomy (POEM): Procedure and its current status.	6+4
9. a) Enhanced recovery after surgery (ERAS) protocols in G.I. surgical patients. b) Its pros and cons.	5+5
10. Arterial supply of the colon and its relevance in using the colon for reconstruction in corrosive injury of the esophagus.	5+5

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