

SURGICAL GASTROENTEROLOGY

PAPER-III

Time: 3 hours

GIS/J/19/46/III

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:

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| 1. What is pelvic exenteration? Mentions its indications, contraindications and outcome in patients with low rectal cancer. | 2+8 |
| 2. Evaluation and management of patients with obstructed defecation syndrome (ODS). | 5+5 |
| 3. What are the extra-intestinal manifestations of inflammatory bowel disease and discuss about the surgical options for Crohn's stenotic bowel segments? | 5+5 |
| 4. What are the causes of acute mesenteric ischemia? Describe the management of a patient with acute superior mesenteric vein thrombosis. | 3+7 |
| 5. What are study designs and discuss about meta-analysis? | 5+5 |
| 6. Indications and complications of small bowel transplantation. | 5+5 |
| 7. a) Management of septic shock
b) ARDS. | 5+5 |
| 8. Delayed small bowel anastomosis. | 10 |
| 9. What are stem cells? Discuss the role of stem cells in Gastro-intestinal diseases. | 3+7 |
| 10. Microbiome medicine | 10 |
