 NATIONAL BOARD OF EXAMINATIONS

SURGICAL GASTROENTEROLOGY

PAPER-III

Time: 3 hours GIS/D/20/46/III
Max. Marks:100

Important Instructions:

- ***You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.***
- ***Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.***
- ***No additional supplementary answer sheet booklet will be provided.***
- *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. a) Indocyanine green in surgical gastroenterology. 5+5
   b) Anorectal manometry.

2. a) Define sensitivity, specificity, relative risk and odds ratio. 4+3+3
   b) Informed consent in the setting of a clinical trial.
   c) Why are clinical trials required to be registered?

3. a) Tight control of blood sugar levels improves outcomes in critical care patients: Critique. 4+3+3
   b) Surviving sepsis guidelines in the context of postoperative patients.
   c) Non-specific ulcers of the small bowel.

4. a) Hirschsprung's disease in adults: Evaluation and management. 3+3+4
   b) Retrorectal tumours: Outline the evaluation.

5. Evaluation and surgical decision making in a 32-year-old female with steroid dependent ulcerative colitis for the past 12 years. 4+6

6. a) Colonic diverticulosis: Classification. 3+7
   b) Etiology, evaluation and management of a patient presenting with complaints of passing faecal matter in the urine.

7. a) Carcinoid syndrome. 6+4
   b) Parastomal hernia.

8. a) Transanal total mesorectal excision. 5+5
   b) Habr-Gama approach for rectal cancer.

9. Causes, evaluation and management of a 50-year-old patient who developed a fecal fistula 4 days after surgery for an enteric perforation. 2+3+5

10. Evaluation and management options in a patient presenting with left sided colon cancer with liver metastasis. 4+6

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