

FINAL EXAM
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

**GASTROENTEROLOGY
PAPER-I**

GASTRO/J/18/10/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 question 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) Current understanding of pathophysiology of functional dyspepsia. | 5+5 |
| | b) A patient with non-ulcer dyspepsia is found to have Helicobacter pylori infection. Would you treat this patient for H. pylori infection? Discuss points for and against. | |
| 2. | a) Pathophysiology of alcoholic hepatitis | 5+5 |
| | b) Role of gut microbiome in cirrhosis of the liver | |
| 3. | a) Metabolic therapy for diabetes. | 5+5 |
| | b) Nutritional management of patients after gastric bypass surgery for obesity. | |
| 4. | a) Approach to gastrointestinal carcinoids. | 5+5 |
| | b) Management of patient with metastatic pancreatic neuroendocrine tumour. | |
| 5. | a) Classify chronic constipation. | 4+6 |
| | b) How would you investigate and manage chronic constipation? | |
| 6. | a) Impedance manometry and its usefulness. | 5+5 |
| | b) Compare POEM and Heller's myotomy for achalasia cardia. | |
| 7. | a) Iron metabolism in the body | 5+5 |
| | b) Management of hemochromatosis | |
| 8. | a) Physiology of gastric acid secretion. | 5+5 |
| | b) What are the potential side effects of proton pump inhibitors (PPIs) and how would you take a patient off PPIs who does not require it? | |
| 9. | a) MALTOMA | 5+5 |
| | b) What are the recommendation for managing upper gastrointestinal bleeding in patients who are on anti-platelet and oral anticoagulant medications? | |
| 10. | a) Multivariate analysis. | 4+3+3 |
| | b) Cohort study | |
| | c) Kaplan-Meier Analysis | |
