

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  |       |

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