

**MEDICAL GASTROENTEROLOGY****PAPER-I**

GASTRO/D/20/10/I

Time: 3 hours

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) Functional anatomy of mucosal immune system. 3+4+3  
b) Intraepithelial lymphocytes.  
c) Oral tolerance.
2. a) Bulimia nervosa and anorexia nervosa. 3+3+4  
b) Refeeding syndrome.
3. a) Air pockets. 3+3+4  
b) TLESR.  
c) Atypical manifestation of GERD.
4. a) Peptic ulcer bleed and relationship with anti-platelets. 3+4+3  
b) Obscure GI bleed and small intestinal pathology.  
c) Dieulafoy's lesion: management.
5. a) Coeliac plexus –branches. 2+2+2+4  
b) Colonic ischemia - risks, clinical features and management.
6. a) Randomized control trial. 3+4+3  
b) Negative and positive predictive value.  
c) Forest Plot.
7. a) Pathophysiology of functional dyspepsia. 4+2+4  
b) ROME IV Criteria for IBS and criticism.
8. a) Diabetic dysmotility. 4+3+3  
b) Eosinophilic esophagitis.  
c) Oropharyngeal dysphagia.
9. Gastroparesis: common types, pathophysiology and management. 3+3+4
10. a) Extracolonic manifestation of IBD. 4+3+3  
b) Coagulation disorder and management of liver diseases.  
c) Principles of paracentesis.

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