

**GASTROENTEROLOGY**

PAPER – III

GASTRO/J/16/10/III

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 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. Breath tests in Gastroenterology: Applications, principle & limitations. 4+3+3
2. Post infectious Irritable Bowel Syndrome (IBS): Risk factors, pathogenesis & management. 3+4+3
3. a) Pathogenesis of reactivation of TB following usage of Biological therapy for Inflammatory Bowel Disease (IBD). 5+5  
b) Approach to patient with latent TB in a patient being considered for biological therapy for refractory IBD.
4. a) FODMAP's intervention approach for functional GI disorders. 5+5  
b) Eosinophilic esophagitis: Clinical presentation and management.
5. Management of peri-anal disease in patients with Crohn's disease. 10
6. a) Articular manifestations in patients with IBD: Classification, clinical presentation and management. (1+2+2)+5  
b) Adverse events of immunomodulators used in IBD.
7. a) Enteropathy associated T Cell Lymphoma in Celiac disease. 5+5  
b) Approach to diarrhoea in a patient with HIV and CD4 count  $\leq$  150.
8. a) Guidelines for endoscopic disinfection and reprocessing. 5+5  
b) Biofeedback therapy for defecatory disorders.
9. a) Neuro-endocrine tumors of the Foregut. 5+5  
b) Cholangioscopy: Techniques and utility.
10. a) Post operative recurrence of Crohn's disease: Grading of severity and management. 5+5  
b) Very early onset IBD.

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