

**GASTROENTEROLOGY**

PAPER-II

GASTRO/D/18/10/II

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. a) When do you suspect pelvic floor dyssynergia in a patient having chronic constipation? 4+4+2  
b) What are the manometric characteristics in such a patient?  
c) How do you treat them?
2. a) What are the methods for assessing severity of acute pancreatitis? 5+5  
b) What are the strategies to decrease the severity and complications of acute pancreatitis?
3. a) Current guidelines for treatment of non-alcoholic steatohepatitis. 4+3+3  
b) What are the newer drugs in the pipeline for NASH?  
c) How do you treat a patient with lean NASH?
4. a) A 25-year-old female in the first trimester of pregnancy was detected to be HBsAg positive. Discuss further investigations for her. 2+5+3  
b) What are the current recommendations for antiviral therapy during pregnancy?  
c) What further advice should be given to her?
5. Describe the histological characteristics of small intestinal biopsies in the following conditions: 3+2+2+2+1  
a) Normal intestine  
b) Celiac disease  
c) Tropical sprue  
d) Whipple's disease  
e) Abetalipoproteinemia

P.T.O.

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6. A 42-year old male known to have idiopathic ulcerative colitis presents with fever, 10-12 bloody stools, crampy lower abdominal pain and distension. 5+5  
a) Discuss initial assessment, management and monitoring of this patient.  
b) How will you diagnose failure of intensive therapy? Discuss options for salvage therapy after failure of steroids. How will you choose rescue therapy in this patient?
7. a) What are the parasites which cause malabsorption in immunocompetent and immune-compromised persons? 3+4+3  
b) How do you detect them? Describe special stains required for their detection.  
c) Treatment guidelines for each parasite.
8. a) How do you classify post-operative Crohn's disease? 3+4+3  
b) Describe predictors of recurrence of Crohn's disease post-operatively.  
c) How do you treat post-operative Crohn's disease?
9. a) Natural history of gallstone disease and its epidemiology in India. 6+4  
b) What advice will you give to an asymptomatic 45 years old female with gallstones? Provide evidence in support of your advice.
10. Clinical features, diagnosis and management of: 5+5  
a) Pseudomyxoma peritonei.  
b) Mesenteric cyst.

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