

**GASTROENTEROLOGY**

PAPER-III

GASTRO/D/18/10/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. A 69 years old male who was placed on aspirin and clopidogrel after balloon angioplasty and placement of a drug-eluting stent done for acute myocardial infarction 10 months ago suffers from a major upper GI bleed. 4+6
  - a) What will be your strategy about continuation of the anti-platelet drugs?
  - b) What are the guidelines for stoppage and re-initiation of these drugs in a patient with GI bleeding?
2. 5+5
  - a) Manual and automated methods for disinfection and reprocessing of endoscopes after ERCP.
  - b) How will you investigate an outbreak of *Pseudomonas* infection in your endoscopy unit?
3. 7+3
  - a) Pros and cons of different bariatric endoscopic procedures.
  - b) Emerging endoscopic techniques for obesity and metabolic syndrome.
4. 7+3
  - a) Endoscopic management of acute fluid collections and walled-off pancreatic necrosis in severe acute pancreatitis.
  - b) Enumerate EUS-guided therapeutic procedures in Gastroenterology.
5. (2+2+2)+4
  - a) Pathophysiology, clinical features and diagnosis of solitary rectal ulcer syndrome
  - b) How do you treat this condition?
6. 7+3
  - a) What are the current guidelines for diagnosis and management of refractory ascites?
  - b) What is Alpha pump? Discuss indications and results with this device.

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7. a) Current guidelines for stratification and treatment of HCC. 6+4  
b) What are the newer drugs for HCC?
8. A 68 years old man with dysphagia is found to have a malignant stricture of the lower third of the esophagus. 5+5  
a) Discuss the management if the tumor comes out to be adenocarcinoma.  
b) What will be the management if the tumor turns out to be a squamous cell carcinoma?
9. a) Describe the types and methods for diagnosis of duodenal perforation after ERCP. 3+3+4  
b) If it is suspected during ERCP what endoscopic options are available for closure of perforation?  
c) Describe characteristics and indications of endoscopic closure devices.
10. Indications, results and complications of various percutaneous ablative therapies for hepatocellular cancer. 10

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