

SURGICAL GASTROENTEROLOGY

PAPER- I

Time : 3 hours

SURG GASTRO/D/11/46/I

Max. Marks : 100

**Attempt all questions in order.
Each question carries 10 marks.**

1. Discuss the classification and management of choledochal cysts. 3+7
2. What is Enteroclysis? Discuss its indications. 5+5
3. Describe in brief the pathogenesis of gall stone disease. How will you manage asymptomatic gall stone disease? 5+5
4. Define Barrett's esophagus. Discuss its etiopathogenesis and describe its histopathology. 3+4+3
5. What are the various Liver Support Systems? Highlight the importance and use of Bio-artificial Liver (BAL). 5+5
6. Enumerate the causes of hepatic hilar block. Discuss the management of one important etiology. 5+5
7. Discuss the indications and complications of parenteral nutrition in GI surgical patients. 5+5
8. What is brain stem death? How is it diagnosed and how is it certified under the Transplantation of Human Organs Act (THOA), 1994? 3+4+3
9. What is refractory ascites? Outline its management. 3+7
10. What do you understand by micro-metastasis? Discuss the status in gastric and gall bladder malignancy. 3+4+3

SURGICAL GASTROENTEROLOGY

PAPER- II

Time : 3 hours
Max. Marks : 100

SURG GASTRO/D/11/46/II

Attempt all questions in order.
Each question carries 10 marks.

1. What are the causes of esophageal perforation? Outline the management of a patient with esophageal perforation. 4+6
2. What is portal vein embolization? Discuss its technique and indications. 3+3+4
3. How will you manage a case of suspected biliary injury during cholecystectomy at your hospital? 10
4. What is Budd Chiari syndrome? Discuss its management. 3+7
5. What is Intraductal Papillary Mucinous Neoplasm (IPMN)? Discuss its management. 3+7
6. Discuss in brief neuro-endocrine tumors of the gastrointestinal tract. 10
7. Discuss the management of hydatid disease of the liver. 10
8. Critically evaluate the role of pre-operative biliary drainage in malignant biliary obstruction of the lower end of CBD. 10
9. What are the indications of surgery in Crohn's disease? Discuss in brief principles of surgical management of Crohn's disease. 4+6
10. Discuss the presentation and management of small bowel diverticular disease. 4+6

SURGICAL GASTROENTEROLOGY

PAPER- III

Time : 3 hours
Max. Marks : 100

SURG GASTRO/D/11/46/III

Attempt all questions in order.
Each question carries 10 marks.

1. Discuss pros and cons of three-field lymphadenectomy in the management of esophageal malignancy. 5+5
2. Discuss the role of neoadjuvant therapy in the management of rectal cancer. 10
3. What is the current role of Robots in GI surgery? Discuss the advantages and disadvantages of Robotic GI surgery procedures. 3+7
4. Discuss the recent Amendments (2011) in the Transplantation of Human Organs Act (THOA) 1994. 10
5. Outline the management of hepatocellular carcinoma. 10
6. List the common causes of massive upper gastrointestinal bleeding. Outline the management of a patient with massive upper gastrointestinal bleeding. 2+8
7. Discuss the causes, diagnosis and treatment of pancreatic ascites. 3+3+4
8. What is Short Gut Syndrome? Discuss its management. 3+7
9. Discuss the 7th TNM staging of gall bladder cancer, highlighting the major changes from the previous staging system. 5+5
10. Discuss in brief various liver transection techniques. 10
