

SURGICAL GASTROENTEROLOGY

PAPER – I

Time : 3 hours
Max. Marks : 100

GIS/D/10/46/I

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

- 1 Describe surgical anatomy of the esophagus. Describe resections based on anatomy of esophagus. 5+5
- 2 Describe Lymphatic drainage of stomach. Describe D2 Gastrectomy for an antral lesion. 5+5
- 3 Describe CT findings in Acute Pancreatitis. Outline the management of infected necrosis of pancreas. 5+5
- 4 Describe aetiological, pathological, clinical and management differences between haemobilia and haemosuccus pancreaticus. 2+2+3+3
- 5 Enumerate the Non shunt surgical options in the management of acute variceal bleeding. Discuss their indications & limitations. 5+5
- 6 Discuss ERCP vs MRCP (Endoscopic Retrograde Cholangio Pancreatography vs Magnetic Resonance Cholangio Pancreatography) for biliary & pancreatic diseases. 10
- 7 One of your health care workers accidentally gets a needle stick injury from a Hepatitis B positive patient. How will you manage? How do you prevent such injuries? 5+5
- 8 Describe etiopathology of Crohn's disease. List out the differences between Crohn's disease & ulcerative colitis. 5+5
- 9 Describe mechanism of action of cyclosporine. Mention its uses and side effects. 10
- 10 Discuss the current status of Bowel preparation for colorectal surgery. 10

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PAPER –II

Time : 3 hours

Max. Marks : 100

GIS/D/10/46/II

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

- 1 Describe principles, various methods & limitations of restrictive surgery for morbid obesity. 3+4+3
- 2 What do you understand by 'radical esophagectomy'? Discuss its current status. 5+5
- 3 Discuss the options to prevent Gastroesophageal reflux during surgery for Achalasia Cardia. 5+5
- 4 Classify post cholecystectomy benign biliary stricture. Enumerate the determinants of a good hepatico-jejunostomy. 5+5
- 5 Describe technique and limitations of ultra low anterior resection for rectal cancer. 5+5
- 6 Write a short note on multimodality treatment on Gastro Intestinal Stromal Tumor (GIST) with special emphasis on impact on outcome. 6+4
- 7 Enumerate various transection techniques during liver resection. Mention advantages & limitations of any two of them. 5+5
- 8 Classify cystic tumors of pancreas. Describe principles of surgical management of cystic tumors of pancreas. 5+5
- 9 Write a short note on clinical presentation and management of toxic megacolon. 5+5
- 10 Write a short note on 'Domino Liver Transplant'. 10

SURGICAL GASTROENTEROLOGY

PAPER –III

Time : 3 hours

Max. Marks : 100

GIS/D/10/46/III

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

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| 1 | Outline the etiology of biliary atresia. Give its classification. Describe management strategy based on classification. | 3+4+3 |
| 2 | Discuss the current status of Laparoscopic management of common bile duct stones. | 10 |
| 3 | Define acute liver failure. Enumerate its causes. Describe the indications, of liver transplantation in acute liver failure. | 3+3+4 |
| 4 | What is Obstructed Defecation Syndrome? How will you evaluate a patient of obstructed defecation? Outline the non surgical and surgical treatment. | 3+3+2+2 |
| 5 | How will you choose an organ for esophageal replacement after esophagectomy? What are the advantages or disadvantages of free jejunal graft over colon? | 6+4 |
| 6 | Describe the mechanism of duodenal injury. How will you manage a patient with penetrating duodenal injury to the 2 nd part of duodenum? | 5+5 |
| 7 | Discuss the role of contrast enhanced ultrasound imaging in abdominal masses. Enumerate its Indications and limitations. | 5+5 |
| 8 | Discuss role of PET scan (Positron Emission Technology) in follow up of colorectal malignancy | 10 |
| 9 | Discuss the surgical management of Hydatid disease of the Liver. | 10 |
| 10 | Describe techniques of small bowel endoscopy. Mention its indications & limitations. | 4+3+3 |