SURGICAL GASTROENTEROLOGY

PAPER - I

Time : 3 hours
Max. Marks : 100

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
Describe principles, various methods & limitations of restrictive surgery for morbid obesity.

What do you understand by ‘radical esophagectomy’? Discuss its current status.

Discuss the options to prevent Gastroesophageal reflux during surgery for Achalasia Cardia.

Classify post cholecystectomy benign biliary stricture. Enumerate the determinants of a good hepatico-jejunostomy.

Describe technique and limitations of ultra low anterior resection for rectal cancer.

Write a short note on multimodality treatment on Gastro Intestinal Stromal Tumor (GIST) with special emphasis on impact on outcome.

Enumerate various transection techniques during liver resection. Mention advantages & limitations of any two of them.

Classify cystic tumors of pancreas. Describe principles of surgical management of cystic tumors of pancreas.

Write a short note on clinical presentation and management of toxic megacolon.

Write a short note on ‘Domino Liver Transplant’.

2. Discuss the current status of laparoscopic management of common bile duct stones.

3. Define acute liver failure. Enumerate its causes. Describe the indications of liver transplantation in acute liver failure.


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. Describe the mechanism of duodenal injury. How will you manage a patient with penetrating duodenal injury to the 2nd part of duodenum?

7. Discuss the role of contrast enhanced ultrasound imaging in abdominal masses. Enumerate its indications and limitations.

8. Discuss role of PET scan (Positron Emission Technology) in follow up of colorectal malignancy.

9. Discuss the surgical management of Hydatid disease of the Liver.

10. Describe techniques of small bowel endoscopy. Mention its indications & limitations.