

M.Ch. Examination  
Branch V : Surgical Gastro-Enterology  
Paper-I

Date : 02-07-2019, Tuesday]  
[Time : 3 Hours

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicates marks.  
(2) Draw diagram wherever necessary.  
(3) Write legibly.

1. Discuss the diagnosis and management of Boerhaave Syndrome (10)
  2. Write a short note on the pathophysiology and management of gastric volvulus (10)
  3. Discuss the Indications and techniques of metabolic surgery (10)
  4. What is short bowel syndrome and discuss its management (10)
  5. Discuss the management of Pouchitis (10)
  6. Describe the role of extended pelvic dissection for rectal malignancy (10)
  7. Write a short note on indications and outcome of ALPPS? (10)
  8. Discuss the role of vascular resection for pancreatic cancer (10)
  9. Discuss the Liver first approach for colo-rectal liver metastasis (10)
  10. Write a short note on Auto-immune pancreatitis (10)
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Candidate's Seat No : \_\_\_\_\_

**M.Ch. Examination**  
**Branch V : Surgical Gastro-Enterology**  
**Paper-II**  
**(Basic, Applied, G. E. Surgery)**

**Date : 05-07-2019, Friday]**

**[Max. Marks : 100**

**[Time : 3 Hours**

- Instructions :** (1) Figure to the right indicates marks.  
(2) Draw diagram wherever necessary.  
(3) Write legibly.

1. Discuss the lymphatic drainage of esophagus in context with three field esophagectomy (10)
  2. Discuss the molecular genetics of Gastro-intestinal stromal tumour and its implication on the management (10)
  3. Discuss the anatomy and management of para-duodenal hernia (10)
  4. Discuss the bio-logic and non biologic targets of Inflammatory bowel disease (10)
  5. What is microsatellite instability and discuss its clinical implications in colon cancer (10)
  6. Discuss the principle and clinical implications of ischemic preconditioning of the liver (10)
  7. Discuss the pain evaluation tools for chronic pancreatitis (10)
  8. Discuss the advantages and disadvantages of ATOM classification for Bile duct injury. (10)
  9. What are the biochemical markers of malnutrition (10)
  10. Discuss the indications of laparostomy? How will you manage it? (10)
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## M.Ch. Examination

## Branch V : Surgical Gastro-Enterology

## Paper-III

## (Therapeutics Endoscopy, Diagnostic Radiology)

Date : 08-07-2019, Monday]

[Max. Marks : 100

[Time : 3 Hours

- Instructions :** (1) Figure to the right indicates marks.  
(2) Draw diagram wherever necessary.  
(3) Write legibly.

1. Discuss the minimally invasive approaches for Achalasia cardia (10)
  2. Discuss the current status of laparoscopic gastrectomy for locally advanced gastric cancer (10)
  3. Discuss the pathology and management of radiation enteritis (10)
  4. What is microsatellite instability and discuss its clinical implications in colon cancer (10)
  5. Describe the anatomy and clinical implications of autonomic pelvic plexus with respect to laparoscopic recto-sigmoid resection (10)
  6. Discuss the role of AFP in the prognostication of HCC (10)
  7. Discuss the etiology and management of Gastro-duodenal artery aneurysm (10)
  8. What is small for size syndrome? How will you diagnose and treat it? (10)
  9. What are the minimally invasive approaches for WOPN (10)
  10. Discuss the indications and outcomes of Hepato-pancreato-duodenectomy (10)
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**M.Ch. Examination**  
**Branch V : Surgical Gastro-Enterology**  
**(Therapeutics Endoscopy, Diagnostic Radiology)**  
**Paper-IV**

**Date : 10-07-2019, Wednesday]**  
**[Time : 3 Hours**

**[Max. Marks : 100**

**Instructions :** (1) Figure to the right indicates marks.  
(2) Draw diagram wherever necessary.  
(3) Write legibly.

1. Discuss the concept of meso-esophagus in context with minimally invasive esophagectomy (10)
  2. Discuss the newer endoscopic modalities of screening of Berrrt's esophagus (10)
  3. Discuss the evaluation and management of obscure GI Bleed (10)
  4. Discuss the current status of minimally invasive colon resection for malignancy (10)
  5. Write the principles and clinical indications of HIPEC (10)
  6. Discuss the current status of minimally invasive pancreatico-duodenectomy (10)
  7. Discuss the management of grade III and more pancreatic trauma (10)
  8. Describe the technique of Minimally invasive splenectomy (10)
  9. Write a short note on the technique of TACE (10)
  10. Describe radiological techniques to control bleeding from visceral pseudoaneurysms. (10)
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