

APRIL - 2001

[KD 053]

Sub. Code : 1752

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch VI — Surgical Gastroenterology and Proctology

(Revised Regulations)

**Paper II — SURGICAL GASTROENTEROLOGY AND
PROCTOLOGY CLINICAL PROBLEM AND
CURRENT CONCEPTS**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the various treatment modalities in the management of acute variceal haemorrhage. Develop a treatment algorithm based on critical evaluation of the modalities of treatment. (30)
2. Discuss the management of a patient, referred with significant bile leak 5 days following cholecystectomy and evaluate the priorities. (30)
3. Write notes on : (4 × 10 = 40)
 - (a) Localization and Insulinoma
 - (b) Mesorectal excision
 - (c) H. Pylori and non-ulcer gastric diseases
 - (d) Pancreas divisum.

NOVEMBER - 2001

[KE 053]

Sub. Code : 1752

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch VI — Surgical Gastroenterology and Proctology

**Paper II — SURGICAL GASTROENTEROLOGY AND
PROCTOLOGY – CLINICAL PROBLEMS AND
CURRENT CONCEPTS**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the management strategies of a case of massive lower intestinal bleeding in a 55 year old woman. (30)
 2. Discuss the diagnosis and management of Haemangioma of liver. (30)
 3. Write notes on : (4 × 10 = 40)
 - (a) Glucagonoma
 - (b) Recurrent gastric cancer
 - (c) Pancreatic Ascites
 - (d) Colonic pouch.
-

MARCH - 2002

[KG 053]

Sub. Code : 1752

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch VI — Surgical Gastroenterology and Proctology

**Paper II — SURGICAL GASTROENTROLOGY AND
PROCTOLOGY, CLINICAL PROBLEM AND
CURRENT CONCEPTS**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the management of laparoscopic bile duct injuries. (30)
2. Discuss the surgical management of ulcerative colitis. (30)
3. Write notes on : (4 × 10 = 40)
 - (a) Anti-reflux procedures.
 - (b) Indications of surgery in chronic pancreatitis.
 - (c) Hepatic vascular exclusion.
 - (d) Surgical treatment of abdominal tuberculosis.

APRIL - 2004

KK 053]

Sub. Code : 1752

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch VI — Surgical Gastroenterology and Proctology

**Paper II — SURGICAL GASTROENTEROLOGY AND
PROCTOLOGY, CLINICAL PROBLEM AND
CURRENT CONCEPTS**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
Forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

A. Essay :

(2 × 15 = 30)

(1) Discuss the pathophysiology, prevention and treatment of stress related mucosal disease of gastro intestinal tract.

(2) Discuss the diagnosis and management of obscure lower gastro intestinal bleeding.

B. Write short notes on :

(10 × 5 = 50)

- (1) Post operative analgesia.
- (2) Instrumental oesophageal perforations.
- (3) Preoperative biliary drainage.
- (4) Abdominal compartment syndrome.
- (5) Liver resection for secondaries.
- (6) Haemobilia.
- (7) Pseudomyxoma peritonei.
- (8) Biliary ascariasis.
- (9) Hyper splenism.
- (10) Descending perineum syndrome.

AUGUST - 2004

[KL 053]

Sub. Code : 1752

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch VI — Surgical Gastroenterology and Proctology

**Paper II — SURGICAL GASTROENTEROLOGY AND
PROCTOLOGY, CLINICAL PROBLEM AND
CURRENT CONCEPTS**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay : (2 × 15 = 30)

(1) Discuss the risk factors and management of recurrent rectal cancer.

(2) Discuss the medical management of bleeding oesophageal varices.

II. Write short notes on : (10 × 5 = 50)

(a) Megaduodenum

(b) Caecal volvulus

(c) Oesophageal appoplexy

(d) Pancreatic ascites

(e) Broncho-Biliary Fistula

(f) Neutropenic enteritis

(g) Gall stone ileus

(h) Acalculous cholecystitis

(i) Carcinoid syndrome

(j) Congenital cysts of pancreas.

[KM 053]

Sub. Code : 1752

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch VI — Surgical Gastroenterology and Proctology

**Paper II — SURGICAL GASTROENTEROLOGY AND
PROCTOLOGY, CLINICAL PROBLEM AND
CURRENT CONCEPTS**

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay :

(2 × 15 = 30)

(1) A 40 year old, an alcoholic presents with haematemesis. How would you evaluate him and What are the current concepts in its management? (15)

(2) An elderly male presents with upper abdominal pain, upper G.I endoscopy shows gastric ulcer. How would you evaluate him? What are the current concepts in its management? (15)

II. Write Short notes :

(10 × 5 = 50)

- (a) Achalasia.
- (b) Complications of Vagotomy.
- (c) Gastric volvulus.
- (d) Superior mesenteric artery syndrome.
- (e) Biliary-Enteric Anastomosis.
- (f) Laparoscopic management of Hepatic hybatid.
- (g) Distal spleno-renal shunt.
- (h) Operative management of Liver Trauma.
- (i) Choledochal cyst. (Bile Duct Cysts)
- (j) Metastatic carcinoids.

FEBRUARY - 2007

[KQ 053]

Sub. Code : 1752

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch VI — Surgical Gastroenterology and Proctology

**Paper II — SURGICAL GASTROENTEROLOGY –
GENERAL**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay questions :

(1) Discuss the management options in Budd-chiari syndrome. (20)

(2) Discuss the management of Incidental Gall bladder cancer detected following Laparoscopic Cholecystectomy. (15)

(3) Discuss the management of Post EPT complications. (15)

II. Short notes :

(6 × 5 = 30)

(a) Peripheral Intrahepatic Cholangio Carcinoma.

(b) Graciloplasty.

(c) GIST.

(d) Extraintestinal manifestations of ulcerative colitis.

(e) Cystopericystectomy.

(f) DVT prophylaxis in GI surgical patient.

[KR 053]

Sub. Code : 1752

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch VI — Surgical Gastroenterology and Proctology

**Paper II — SURGICAL GASTROENTEROLOGY –
GENERAL**

Time : Three hours

Maximum : 100 marks

Theory : Two hours and

Theory : 80 marks

forty minutes

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay :

(1) Discuss the diagnosis and management of
hilar cholangiocarcinoma. (20)

(2) Discuss the current concepts in the
management of carcinoma rectum. (15)

(3) Discuss the diagnosis and management of
portal hypertension due to non—cirrhotic causes. (15)

II. Write short notes on :

(6 × 5 = 30)

- (a) Sterile pancreatic necrosis
 - (b) Pouchitis
 - (c) Biliary hydatidosis
 - (d) Obscure lower intestinal bleeding
 - (e) Paralytic ileus
 - (f) Caudate lobe excision.
-

August 2008

[KT 053]

Sub. Code: 1752

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

(Revised Regulations)

**Branch VI – SURGICAL GASTROENTEROLOGY AND
PROCTOLOGY**

Paper II – SURGICAL GASTROENTEROLOGY - GENERAL

Q.P. Code: 181752

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays:

(2 x 20 = 40)

1. Discuss the pathophysiology of delayed gastric emptying and its management.
2. Discuss in detail principles of source control in secondary and tertiary abdominal sepsis.

II. Write short notes on:

(10 X 6 = 60)

1. Laparoscopic treatment of Hydatid cyst of liver.
 2. Recurrent rectal cancer.
 3. Resection of caudate lobe.
 4. Superior mesenteric artery syndrome.
 5. Classification of choledochal cyst.
 6. Papillary cystic neoplasm of pancreas.
 7. Dieulafoy's ulcer.
 8. Pancreatic abscess.
 9. Rectal carcinoid.
 10. Post transplant biliary strictures.
-

August 2009

[KV 053]

Sub. Code: 1752

**M.Ch. DEGREE EXAMINATIONS
(Higher Specialities)
(Revised Regulations)**

**Branch VI – Surgical Gastroenterology and Proctology
Paper II – SURGICAL GASTROENTEROLOGY – GENERAL
Q.P. Code: 181752**

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40 Marks

1. Discuss the management of malignancy of cardio-oesophageal junction.
2. Discuss the diagnosis and management of obscure gastrointestinal bleeding.

II. Write short notes on:

10 X 6 = 60 Marks

1. Duodenal stump leak.
2. Diagnostic laparoscopy in non-malignant disease.
3. Non-surgical treatment of achalasia cardia.
4. Duodenal ileus.
5. Principles of nutrition in entero-cutaneous fistula.
6. Early gastric cancer.
7. Follow-up after surgery for rectal cancer.
8. Ischemic colitis.
9. Congestive gastropathy.
10. Gastric volvulus.

February 2010

[KW 053]

Sub. Code: 1752

**M.Ch. DEGREE EXAMINATIONS
(Super Specialities)
(Revised Regulations)**

**Branch VI – Surgical Gastroenterology and Proctology
(Common to all candidates)**

**Paper II – SURGICAL GASTROENTEROLOGY – GENERAL
Q.P. Code: 181752**

Time: Three hours

Maximum: 100 Marks

ANSWER ALL QUESTIONS

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40 Marks

1. Discuss the pathophysiology of delayed gastric emptying and its management.
2. Discuss in detail principles of source control in secondary and tertiary abdominal sepsis.

II. Write short notes on:

10 X 6 = 60 Marks

1. Liver secondaries from colo-rectal cancer.
2. Diffuse oesophageal spasm.
3. Colonic pouch.
4. Preoperative colonic preparation.
5. Neoadjuvant treatment in oesophago-gastric tumours.
6. Probiotics.
7. Indications for surgery in ulcerative colitis.
8. Duplication cysts of duodenum.
9. Imaging of small intestine.
10. Principles of nutrition in short bowel syndrome.

August 2011

[KZ 053]

Sub. Code: 1752

**MASTER OF CHIRURGIAE (M.Ch.) DEGREE EXAMINATION
(SUPER SPECIALITIES)**

BRANCH VI – SURGICAL GASTROENTEROLOGY AND PROCTOLOGY

SURGICAL GASTROENTEROLOGY – GENERAL

Q.P. Code: 181752

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

1. Describe the mechanism of Pancreato-Duodenal injury.
Describe its management.

11 35 15

2. Describe the pathophysiology, clinical features and
management of Ulcerative colitis.

11 35 15

II. Write notes on :

- | | | | |
|-------------------------------|---|----|---|
| 1. Oesophageal varices. | 4 | 10 | 7 |
| 2. Caustic injury oesophagus. | 4 | 10 | 7 |
| 3. Pelvic excentration. | 4 | 10 | 7 |
| 4. High Anal Fistula. | 4 | 10 | 7 |
| 5. Radiation enteritis. | 4 | 10 | 7 |
| 6. Intestinal duplication. | 4 | 10 | 7 |
| 7. Meckel's diverticulum. | 4 | 10 | 7 |
| 8. Para duodenal hernia. | 4 | 10 | 7 |
| 9. Gastric stump carcinoma. | 4 | 10 | 7 |
| 10. Travellers Diarrhoea. | 4 | 10 | 7 |

[LB 053]

AUGUST 2012

Sub. Code: 1752

M.Ch – SURGICAL GASTROENTEROLOGY AND PROCTOLOGY

Paper – II SURGICAL GASTROENTEROLOGY – GENERAL

Q.P. Code: 181752

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Describe the clinical features, evaluation and management of SOL (Space Occupying Lesion) of Rightt Lobe Liver involving segments 5,6 and 8.	16	35	15
2. Discuss in detail the pathophysiology, clinical features and management of Crohn's Disease.	16	35	15

II. Write notes on :

1. Indications for TIPPS.	4	10	7
2. Short Gut Syndrome and small Bowel Transplantation.	4	10	7
3. Etiology and treatment of Tracheo-oesophageal Fistula.	4	10	7
4. What is Spyglass Endoscopy?	4	10	7
5. Give a brief account on Non-Polyposis colonic cancer Syndrome.	4	10	7
6. Define and discuss the treatment strategies of Pancreatic ascites.	4	10	7
7. Pathological aspects of Non-cirrhotic Portal fibrosis.	4	10	7
8. Medical management of Obscure G.I.Bleed.	4	10	7
9. Define and discuss briefly the treatment of Early gastric Cancer.	4	10	7
10. Surgical anatomy of Peri-anal spaces in relation to Fistula in ano.	4	10	7

(LD 053)

AUGUST 2013

Sub. Code:1752

M.Ch. – SURGICAL GASTROENTEROLOGY AND PROCTOLOGY
Paper – II SURGICAL GASTROENTEROLOGY – GENERAL
Q.P.Code: 181752

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Oesophageal Injuries – Etiology, presentation, evaluation and management strategies.
2. Cancer Colon with bilobar hepatic metastasis – Evaluation and therapeutic strategies.

II. Write notes on:

(10X7=70)

1. Esophageal Varices – Operative devascularisation techniques.
2. Write short note on Endoscopic vs Surgical approach in the management of achalasia cardia.
3. Principles in the Management of obstetric anorectal injuries.
4. Postoperative chylothorax following radical esophagectomy – Outline the evaluation and management.
5. Small bowel lymphoma – Management options.
6. Video Assisted Anal Fistula Therapy – Indications and technique.
7. Sigmoid volvulus – Management options.
8. Colonic stents – Indications, technique and complications.
9. Laparoscopic port site tumour recurrences – Presentation and management options.
10. Controversies in neoadjuvant therapy for gastric cancer.

[LF 053]

AUGUST 2014

Sub. Code: 1752

M.Ch. – SURGICAL GASTROENTEROLOGY AND PROCTOLOGY

Paper II – SURGICAL GASTROENTEROLOGY - GERNERAL

Q. P. Code: 181752

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions in the same order.

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the current state of peritonectomy and Intra operative chemotherapy in peritoneal carcinomatosis.
2. Discuss the surgical options in fecal incontinence.

II. Write notes on:

(10 x 7 = 70)

1. Pneumatosis cystoides Intestinalis.
2. Anti-coma measures.
3. Management of Colonic Diverticular bleed.
4. Postoperative adhesions.
5. Treatment of postoperative DVT.
6. Medical and surgical treatment of Severe Ulcerative colitis.
7. Failed Antireflux Surgery.
8. Anterior resection syndrome.
9. Mechanical bowel preparation in Colorectal surgery.
10. Management of Colovesical fistula.

[LH 053]

AUGUST 2015

Sub. Code: 1752

M.Ch. – SURGICAL GASTROENTEROLOGY AND PROCTOLOGY

PAPER II – SURGICAL GASTROENTEROLOGY – GENERAL

Q.P. Code: 181752

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the management of Acute obscure GI bleeding.
2. Discuss the emergency care of Acute corrosive Injury of upper G.I. Tract.

II. Write notes on :

(10 x 7 = 70)

1. Pseudoaneurysm pancreas.
2. Complications of Ileostomy.
3. Management of diaphragmatic hernia.
4. Graciloplasty.
5. Hepatocyte transplantation.
6. Enteroscopy.
7. Diagnosis and management of hemobilia.
8. Proximal gastrectomy.
9. Pseudomyxoma peritonei.
10. Mirizzi syndrome.

M.Ch. – SURGICAL GASTROENTEROLOGY AND PROCTOLOGY

Paper II – SURGICAL GASTROENTEROLOGY – GENERAL

Q.P.Code: 181752

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the innervation of Rectum and the injuries to the nerves at various levels during rectal surgery.
2. Discuss the various management strategies for Acute Variceal Hemorrhage? Add a note on critical care management in Acute Variceal Hemorrhage?

II. Write notes on:

(10 x 7 = 70)

1. Perivaterian diverticulum.
2. Staplers in GI surgery.
3. Myogenic dysphagia.
4. TME – Total Mesorectal Excision.
5. Colonic pouch.
6. Porto pulmonary hypertension.
7. Management of gastrinomas- current concepts.
8. DVT prophylaxis in GI surgery.
9. Multi channel Intra luminal Impedance (MII).
10. Imaging of small intestine.

(LL 053)

AUGUST 2017

Sub. Code:1752

M.Ch. – SURGICAL GASTROENTEROLOGY AND PROCTOLOGY

Paper II – SURGICAL GASTROENTEROLOGY – GENERAL

Q.P.Code: 181752

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Management of a giant Duodenal ulcer perforation.
2. Discuss about the management of small bowel strictures.

II. Write notes on: **(10 x 7 = 70)**

1. Pathology of Adenocarcinoma stomach.
2. Massive splenomegaly.
3. Surgical treatment in carcinoma of the cardia, Type II.
4. Compare the various surgical options in gastroesophageal reflux disease.
5. Screening guidelines for colorectal Cancer.
6. Local excision for cancer rectum.
7. Risk assessment in gastrointestinal stromal tumours.
8. Log odds of Lymph nodes in gastric cancer.
9. Medical treatment of Crohn's disease.
10. Xanthogranulomatous cholecystitis.

(LN 053)

AUGUST 2018

Sub. Code: 1752

M.Ch. – SURGICAL GASTROENTEROLOGY AND PROCTOLOGY

Paper II – SURGICAL GASTROENTEROLOGY – GENERAL

Q.P.Code: 181752

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the various malignant lesions of the anus and treatment modalities.
2. Discuss the management of Incidental Gall bladder cancer detected following Laparoscopic Cholecystectomy?

II. Write notes on:

(10 x 7 = 70)

1. GIST stomach.
2. Boerhaave's Syndrome.
3. Extrahepatic cholangiocarcinoma.
4. ISGPF classification and management of POPF.
5. Management of Liver- Secondaries from Colo- Rectal Cancer.
6. Retrorectal tumours.
7. Radiation Enteritis.
8. Annular pancreas.
9. Non surgical management of Achalasia Cardia.
10. Rome IV criteria for IBS.

M.Ch. – SURGICAL GASTROENTEROLOGY

Paper II – SURGICAL GASTROENTEROLOGY – GENERAL

Q.P. Code: 181752

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: (2 x 15 = 30)

1. Discuss the management of T₃N₁ squamous cell carcinoma at 30cm of Esophagus.
2. Discuss the indication, technique and complications of small bowel transplantation.

II. Write notes on: (10 x 7 = 70)

1. Puborectalis syndrome.
2. Electrolyte abnormalities in refeeding syndrome. Explain.
3. Spontaneous oesophageal perforation.
4. Management of early gastric cancer.
5. Enhanced recovery after oesophagectomy.
6. Benign tumors of small bowel.
7. Ampullary adenoma.
8. Toxic megacolon.
9. Squamous cell carcinoma anal canal.
10. Chylous ascites.

(LR 053)

**NOVEMBER 2020
(AUGUST 2020 SESSION)**

Sub. Code: 1752

M.Ch. – SURGICAL GASTROENTEROLOGY

Paper II – SURGICAL GASTROENTEROLOGY – GENERAL

Q.P. Code: 181752

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Surgical management of rectal prolapse.
2. GE junction tumours.

II. Write notes on:

(10 x 7 = 70)

1. Roux stasis syndrome
2. Ideal oesophageal replacement
3. Radiation proctitis
4. Anterior resection syndrome
5. Mallory Weiss syndrome
6. Lynch syndrome
7. Obscure GI bleeding
8. Restorative proctocolectomy
9. Gut induced sepsis
10. Cross trial

(MCH 0821)

AUGUST 2021

Sub. Code: 1752

M.Ch. – SURGICAL GASTROENTEROLOGY

Paper II – SURGICAL GASTROENTEROLOGY – GENERAL

Q.P. Code: 181752

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Evaluation and management of GERD.
2. Management options in midrectal cancer.

II. Write notes on:

(10 x 7 = 70)

1. Corrosive injury oesophagus.
2. Adjuvant therapies in gastric cancer.
3. Intersphincteric resection for cancer rectum.
4. Mesocolic excision for colonic cancer.
5. Short bowel syndrome.
6. Ileostomy diarrhoea.
7. Mechanical bowel preparation.
8. Small bowel enteroscopy.
9. Paraesophageal hernia.
10. Mercury II trial.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0822)

AUGUST 2022

Sub. Code: 1752

M.Ch. – SURGICAL GASTROENTEROLOGY

Paper II – SURGICAL GASTROENTEROLOGY – GENERAL

Q.P. Code: 181752

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: (2 x 15 = 30)

1. Discuss in detail the Anatomical basis, Hemodynamic response and surgical aspect of different vascular isolation techniques of hepatic resection.
2. Evaluation and management of Small bowel perforation.

II. Write notes on: (10 x 7 = 70)

1. Multichannel Intraluminal impedance.
2. Laparoscopic Transcystic exploration of Bile duct.
3. Anorectal and perianal manifestation of Tuberculosis and its management.
4. Bilio enteric fistula.
5. Restorative shunt.
6. Gastrinoma.
7. PANTER trial.
8. Malt lymphoma.
9. High resolution Esophageal manometry.
10. Ischemic reperfusion injury.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0124)

JANUARY 2024

Sub. Code: 1752

M.Ch. – SURGICAL GASTROENTEROLOGY

PAPER II – SURGICAL GASTROENTEROLOGY – GENERAL

Q.P. Code: 181752

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Intrahepatic stones.
2. Shunt in portal hypertension.

II. Write notes on:

(10 x 7 = 70)

1. Pancreatic necrosis.
2. GIST – Stomach.
3. Immune modulators and preoperative nutrition.
4. Refeeding syndrome.
5. Mesenteric ischemia.
6. NCPF portal hypertension.
7. Tumor markers in Cholangiocarcinoma.
8. Colonic crohn's disease.
9. Early rectal cancer.
10. Gut microbiome.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0225)

FEBRUARY 2025

Sub. Code: 1752

M.Ch. BRACH VI – SURGICAL GASTROENTEROLOGY

PAPER II – SURGICAL GASTROENTEROLOGY – GENERAL

Q.P. Code: 181752

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss the role of genetics and molecular biology in the diagnosis and treatment of gastrointestinal tumours.
2. IBD – Pathophysiology and surgical management.

II. Write notes on: **(10 x 7 = 70)**

1. Biliary cystadenoma.
2. Glissonian approach to liver resection.
3. Role of minimally invasive techniques in esophageal surgery.
4. Evolution of surgery for rectal cancer.
5. HNPCC (Hereditary Non Polyposis Colorectal Cancer).
6. Early gastric cancer – surgical options.
7. Enteroclysis.
8. Radiation proctitis.
9. Zollinger Ellison syndrome.
10. Neo-adjuvant therapy in rectal cancer.
