

April-2001

[KD 014]

Sub. Code : 1252

D.M. DEGREE EXAMINATION.

(Higher Specialities)

Branch IV — Gastroenterology

(Revised Regulations)

Paper II — GENERAL GASTROENTEROLOGY
INCLUDING PAEDIATRIC AND PREVENTIVE
GASTROENTEROLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the diagnosis, pathogenesis and treatment of Abdominal Tuberculosis. (25)
 2. What are the causes of malabsorption as seen in India. Discuss how you will evaluate a case of mal absorption. (25)
 3. Short notes on : (5 × 10 = 50)
 - (a) Pre cancerous lesions of oesophagus.
 - (b) Non surgical management of Achalasia cardia.
 - (c) Aetiology of Cirrhosis in a 3 year old Indian child
 - (d) Recurrent ulcer after Helicobacter pylori eradication.
 - (e) Retained common bile duct stone,
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November-2001

[KE 014]

Sub. Code : 1252

D.M. DEGREE EXAMINATION

(Higher Specialities)

(Revised Regulations)

Branch IV — Gastroenterology

**Paper II — GENERAL GASTROENTEROLOGY
INCLUDING PAEDIATRIC AND PREVENTIVE
GASTROENTEROLOGY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Discuss the clinical features, pathogenesis, diagnosis and management of pseudo-membranous enterocolitis. (25)
 2. Discuss the pathogenesis, prevention and treatment of NSAID (non-steroidal anti-inflammatory drug) induced lesions in the G.I. tract. (25)
 - 3 Write short notes on : (5 × 10 = 50)
 - (a) Hirschsprung's disease.
 - (b) Viral diarrhoea.
 - (c) Screening for colon cancer.
 - (d) Visceral hyperalgesia.
 - (e) Cholestasis in neonates.
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[KG 014]

Sub. Code : 1252

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch IV — Gastroenterology

**Paper II — GENERAL GASTROENTEROLOGY
INCLUDING PAEDIATRIC AND PREVENTIVE
GASTROENTEROLOGY**

Time : Three hours

—Maximum : 100 marks

Answer ALL questions.

1. What are the prognostic indicators of Carcinoma colon? Discuss the role of chemotherapy in the management of Carcinoma colon. (25)
2. Critically evaluate the Helicobacter pylori eradication regimes. (25)
3. Write short notes on : (5 × 10 = 50)
 - (a) Prevention of hepatocellular carcinoma
 - (b) Infantile cholangiopathies
 - (c) Faecal incontinence
 - (d) Rectal gas
 - (e) Vasculitis of Splanchnic circulation.

September-2002

[KH 014]

Sub. Code : 1252

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch IV — Gastroenterology

Paper II — GENERAL GASTROENTEROLOGY
INCLUDING PAEDIATRICS AND PREVENTIVE
GASTROENTEROLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Discuss the causes of malabsorption as seen in
India. How will you investigate to establish diagnosis?
(25)

2. Discuss the pathogenesis, clinical features and
complications of Colonic diverticulosis. (25)

3 Write short notes on (50)

(a) Achalasia cardia

(b) Choledochal cyst

(c) Management of acute corrosive injury

(d) Malt Lymphoma

(e) Barrett's oesophagus.

[KK 014]

Sub. Code : 1252

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch IV — Gastroenterology

Paper II — GENERAL GASTROENTEROLOGY
INCLUDING PAEDIATRIC AND PREVENTIVE
GASTROENTEROLOGY

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) Describe the etiopathogenesis and management of IPSID (Immuno Proliferative Small Intestinal Disease).

(2) Describe the G.I. manifestations of AIDS.

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

- (1) Hirschsprung's disease
- (2) Prevention of acute viral hepatitis
- (3) Role of dietary fibre in GI disorders
- (4) Scope and usefulness of helicobacter pylori vaccination
- (5) Diagnostic approach to a child with hepatobiliary disease
- (6) Newer markers of pancreatic carcinoma
- (7) Bile peritonitis
- (8) Lamivudine
- (9) Management of common bile duct stone
- (10) Oral rehydration therapy.

[KL 014]

Sub. Code : 1252

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch IV — Gastroenterology

**Paper II — GENERAL GASTROENTEROLOGY
INCLUDING PAEDIATRIC AND PREVENTIVE
GASTROENTEROLOGY**

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 : (2 × 15 = 30)

(1) How do you approach to a case of upper gastrointestinal bleeding? Give the current recommendations for management of variceal bleeding.

(2) Give a detailed account of prevalence, etiopathogenesis, diagnosis and management of short bowel syndrome.

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

(a) Eosinophilic gastroenteritis

(b) Diffuse small bowel ulcers

(c) 5 HT 4 agonists

(d) Endoscopic treatment of GERD

(e) Chemoprevention in familial colon cancer

(f) Criteria and classification of sphincter of oddi dysfunction

(g) Does H.Pylori eradication reduce complications in patients taking low dose aspirin?

(h) Is Irritable bowel syndrome a post infectious and inflammatory bowel disorder?

(i) Byler's disease

(j) Gene therapy in cystic fibrosis.

[KM 014]

Sub. Code : 1252

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch IV — Gastroenterology

**Paper II — GENERAL GASTROENTEROLOGY
INCLUDING PAEDIATRIC AND PREVENTIVE
GASTROENTEROLOGY**

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 : (2 × 15 = 30)

(1) Write current concepts in the etiopathogenesis, clinical presentation, diagnosis and management of celiac sprue.

(2) Describe the genetics, clinical features, diagnostic criteria and management of Wilson's disease.

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

- (a) CFTR gene.
- (b) Eucopresis.
- (c) Refractory sprue.
- (d) Percutaneous endoscopic colostomy.
- (e) Clinical syndromes of salmonella infections.
- (f) Viral diarrhoea in children.
- (g) Clostridium difficile toxins.
- (h) Breath tests in small bowel bacterial overgrowth syndrome.
- (i) Strategies to enhance immunogenicity of HBV vaccination.
- (j) Prebiotics.

[KO 014]

Sub. Code : 1252

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch IV — Gastroenterology

**Paper II — GENERAL GASTROENTEROLOGY
INCLUDING PAEDIATRIC AND PREVENTIVE
GASTROENTEROLOGY**

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 :

(2 × 15 = 30)

(1) Classify the gastrointestinal involvement seen in diabetes mellitus. Outline the pathophysiology, clinical features, diagnosis and treatment of diabetic diarrhoea.

(2) Describe the pathogenesis, clinical features, management and prevention of nonsteroidal anti-inflammatory drug induced injury to the stomach.

II. Short notes :

(10 × 5 = 50)

- (a) Rectal prolapse in children
- (b) Collagenous colitis
- (c) Diffuse Oesophageal spasm
- (d) Zenker's diverticulum
- (e) Antibiotic therapy of acute diarrhoea
- (f) Immunnoproliferative small intestinal disease
- (g) The parietal cell
- (h) Meconium ileus
- (i) Omphalocele
- (j) Testing for faecal occult blood.

[KQ 014]

Sub. Code : 1252

D.M. DEGREE EXAMINATION.

(Higher specialities)

(Revised Regulations)

Branch IV — Gastroenterology

**Paper II — GENERAL GASTROENTEROLOGY
INCLUDING PAEDIATRIC AND PREVENTIVE
GASTROENTEROLOGY**

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 consequences, evaluation and management of gastrointestinal AIDS. (20)
2. Discuss modalities in endoscopic treatment of upper gastrointestinal diseases. (15)
3. Discuss prevalence, pathophysiology, diagnosis and treatment of fecal incontinence. (15)

II. Short notes :

(6 × 5 = 30)

1. Immunological basis of H. Pylori gastritis.
 2. Management of radiation colitis
 3. Management of caustic injury of the esophagus.
 4. Optical techniques for endoscopic detection of dysplastic colonic lesions.
 5. 'Three-hit' hypothesis of NSAID enteropathy.
 6. Enteral rehydration verses parenteral rehydration for infantile gastroenteritis.
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[KR 014]

Sub. Code : 1252

D.M. DEGREE EXAMINATION.

(Higher Specialities)

(Revised Regulations)

Branch IV — Gastroenterology

**Paper II — GENERAL GASTROENTEROLOGY
INCLUDING PAEDIATRIC AND PREVENTIVE
GASTROENTEROLOGY**

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) Define Malnutrition. Discuss its consequences and assessment of nutrition. Discuss the roles of Enteral and parenteral nutrition in various Gastrointestinal and Hepatic Diseases. (20)

(2) Discuss the pathophysiology and current management of colorectal cancer. What are the screening guidelines for high risk patients and various prevention strategies? (15)

(3) Etiology, clinical features, diagnosis and management of intestinal pseudo obstruction. (15)

II. Short notes :

(6 × 5 = 30)

- (a) Solitary rectal ulcer
 - (b) Diffuse esophageal spasm.
 - (c) Hereditary non polyposis colon cancer
 - (d) Oral rehydration solution
 - (e) Capsule endoscopy.
 - (f) Rectal prolapse in children.
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August 2008

[KT 014]

Sub. Code: 1252

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch IV – GASTROENTEROLOGY

(Revised Regulations)

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P. Code: 161252

Time: Three hours

Maximum: 100 Marks

Answer ALL questions

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40

1. Describe classification and staging of G1 lymphoma. Discuss Etiopathogenesis, Diagnosis and management of gastric lymphoma.
2. Discuss the epidemiology, pathogenesis, diagnosis, management and complications of gastro esophageal reflux disease.

II. Write short notes on:

10 x 6 = 60

1. Mirizzi's syndrome.
2. Caroli's disease
3. Endosonographic criteria for diagnosis of chronic pancreatitis.
4. Cameron ulcer.
5. Byler's Disease.
6. Chemo prevention in familial colon cancer.
7. Gene therapy in cystic fibrosis.
8. Meckel's Diverticulum.
9. Mal roatation of gut.
10. Achalasia Cardia.

August 2009

[KV 014]

Sub. Code: 1252

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch IV – GASTROENTEROLOGY

(Revised Regulations)

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P. Code: 161252

Time: Three hours

Maximum: 100 Marks

Answer ALL questions

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40

1. Pathophysiology of peptic ulcer disease and management.
2. Paediatric inflammatory bowel disease – management strategies.

II. Write short notes on:

10 x 6 = 60

1. Breath tests in malabsorption.
2. Pseudomembranous colitis.
3. MALT lymphoma.
4. Surveillance in Barrett's Oesophagus.
5. Chemoprevention in colon cancer.
6. Cryptosporidiasis.
7. Recurrent abdominal pain in children.
8. Imperforate anus.
9. Cholera toxin.
10. Bariatric surgery in Indian population.

February 2011

[KY 014]

Sub. Code: 1252

DOCTOR OF MEDICINE (D.M.) DEGREE EXAMINATION

(Super Specialities)

Branch IV – GASTROENTEROLOGY

Revised Regulations

Common to all candidates

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P. Code: 161252

Time: Three hours

Maximum: 100 Marks

Answer ALL questions

Draw suitable diagrams wherever necessary.

I. Essays:

2 x 20 = 40

1. Diagnosis and management of constipation in children.
2. Discuss the etiology and pathogenesis of Gastric Cancer and what steps to take to prevent its occurrence.

II. Write short notes on:

10 x 6 = 60

1. Meckel's Diverticulum.
2. Small Intestinal Bacterial Overgrowth.
3. Infectious Diarrhoea in the tropics.
4. Chemical colitis.
5. Approach to obscure GI Bleed.
6. Rifaximin.
7. Eosinophilic Esophagitis.
8. Refractory peptic ulcers.
9. Enzyme replacement therapy for chronic Pancreatitis.
10. Refeeding syndrome.

August 2011

[KZ 014]

Sub. Code: 1252

**DOCTORATE OF MEDICINE (D.M.) DEGREE EXAMINATION
(SUPER SPECIALITIES)**

**BRANCH IV – GASTROENTEROLOGY
GENERAL GASTROENTEROLOGY INCLUDING PAEDIATRIC
AND PREVENTIVE GASTROENTEROLOGY
Q.P. Code: 161252**

**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. Causes and management of Acute erosive gastritis.	11	35	15
2. UGI bleed in children – management strategies.	11	35	15

II. Write notes on :

1. Superior mesenteric artery syndrome.	4	10	7
2. Bile acid induced diarrhea.	4	10	7
3. Balloon expulsion test.	4	10	7
4. Solitary rectal ulcer.	4	10	7
5. Tegaserod.	4	10	7
6. Mallory Weiss tears.	4	10	7
7. Push enteroscopy.	4	10	7
8. Zenker's Diverticulum.	4	10	7
9. Spigelian hernias.	4	10	7
10. Hypereosinophilic syndromes.	4	10	7

[LB 014]

AUGUST 2012

Sub. Code: 1252

D.M – GASTROENTEROLOGY

**Paper – II GENERAL GASTROENTEROLOGY INCLUDING PAEDIATRIC
AND PREVENTIVE GASTROENTEROLOGY**

Q.P. Code: 161252

**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. Management of Crohn's disease.

16 35 15

2. Investigations and treatment of Wilson's disease.

16 35 15

II. Write notes on:

1. Transmission of Hepatitis virus by needle stick injuries.

4 10 7

2. Hepatitis E complicating pregnancy.

4 10 7

3. Management of gastric antral vascular ectasia.

4 10 7

4. Management of Hepatitis C infection in a patient with
chronic renal failure.

4 10 7

5. Acute diarrhea in children.

4 10 7

6. Methotrexate and Hepatotoxicity.

4 10 7

7. Management of short bowel syndrome.

4 10 7

8. Tuberculous peritonitis – types, investigations and treatment.

4 10 7

9. Management of solitary rectal ulcer.

4 10 7

10. Investigations for celiac disease. Discuss the disease spectrum
seen in celiac disease.

4 10 7

D.M. – GASTROENTEROLOGY
Paper – II GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY
Q.P.Code: 161252

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Describe the phases of defecation and discuss the pathophysiology, diagnosis and management of fecal incontinence.
2. Discuss in brief the various manifestations of AIDS in the gastrointestinal tract.

II. Write notes on:

(10X7=70)

1. Briefly outline the epidemiology of gastric cancer.
2. Briefly enumerate the tests for diagnosis of Meckel's diverticulum.
3. Describe in brief the clinical features and diagnostic tests for detection of Hirschsprung's disease.
4. Mention the role of Dietary fibre in various gastrointestinal disorders.
5. Outline the management of Refractory sprue.
6. Mention the classifications and briefly outline the management of Mirizzi's syndrome.
7. Describe in brief the merits and advantages of H.pylori vaccine.
8. Mention the various classifications of Corrosive injury esophagus.
9. Describe the role of Gene therapy in cystic fibrosis.
10. Enumerate the various etiologies of cirrhosis in a 3 yr old child.

[LF 014]

AUGUST 2014

Sub. Code: 1252

D.M. – GASTROENTEROLOGY

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q. P. Code: 161252

Time: Three Hours

Maximum: 100 Marks

Answer ALL questions in the same order.

I. Elaborate on:

(2 x 15 = 30)

1. Current concepts in the etiopathogenesis, clinical presentation, diagnosis and management of celiac sprue.
2. Outline the approach to a child with recurrent abdominal pain.

II. Write notes on:

(10 x 7 = 70)

1. Non invasive tests for diagnosis of H. pylori
2. Epidemiology of oesophageal cancer
3. Prebiotics and probiotics
4. Complications of PUD
5. Eosinophilic gastroenteritis
6. Gastro intestinal carcinoids
7. Travellers Diarrhoea
8. Pathogenesis and management of Barrett's esophagus
9. Explain FODMAPS and their role in IBS
10. Severe ulcerative colitis- diagnosis and management.

D.M. – GASTROENTEROLOGY

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P.Code: 161252

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. How will you approach and manage a case of obscure gastrointestinal bleed?
2. Discuss the clinical features, pathology and management of radiation injury to gastrointestinal tract.

II. Write notes on:

(10 x 7 = 70)

1. Criteria and classification of Sphincter of Oddi dysfunction.
2. How to manage a case of recurrent abdominal pain in children?
3. Mention the relevance of Dermatitis Herpetiformis in gastroenterology.
4. What are the steps in the prevention of Hepatocellular carcinoma?
5. Mention the precancerous lesions of esophagus.
6. Fungal and viral infections of esophagus.
7. What is the importance of Leptin in the gastrointestinal tract?
8. Total parenteral nutrition- Indications and side effects
9. Bezoars in stomach
10. Trans nasal dilation- Indications and advantages

[LH 014]

AUGUST 2015

Sub. Code: 1252

D.M. – GASTROENTEROLOGY
PAPER II – GENERAL GASTROENTEROLOGY
(INCLUDING PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY)

Q.P. Code : 161252

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

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

1. Discuss recent advances in pathophysiology, diagnosis and management of irritable bowel syndrome.
2. Short bowel syndrome- pathophysiology and management.

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

1. Pathogenesis and management of radiation colitis.
2. Endoscopic ultrasound.
3. Pseudomembranous colitis.
4. Role of jejunal mucosal biopsy.
5. Long term use of PPIs – side effects.
6. Manometric criteria for primary esophageal motility disorders.
7. Hereditary Nonpolyposis Colorectal Cancer Syndrome.
8. Colorectal cancer surveillance.
9. Immunopathogenesis of Crohn's disease.
10. Efforts to prevent gastric cancer.

[LI 014]

FEBRUARY 2016

Sub. Code: 1252

D.M. – GASTROENTEROLOGY

PAPER II – GENERAL GASTROENTEROLOGY

(INCLUDING PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY)

Q.P. Code : 161252

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the Epidemiology, Pathophysiology, Diagnosis and Management of Corrosive Injury to Upper Gastrointestinal tract.
2. Discuss the causes, pathogenesis, clinical manifestations, complications, diagnosis and management of Acute Pancreatitis.

II. Write notes on :

(10 x 7 = 70)

1. Prevention of Hepatocellular carcinoma.
2. Maltoma.
3. Tropical Sprue.
4. Breath tests in Malabsorption.
5. Enhancement of Immunogenicity of H.B.V vaccination.
6. Meconium Ileus.
7. Intussusception in children.
8. Meckel's diverticulum.
9. Gene therapy in Cystic fibrosis.
10. Sphincter of Oddi Dysfunction.

D.M. – GASTROENTEROLOGY

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P.Code: 161252

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the pathogenesis, causes, diagnosis and management of Small Intestinal Bacterial Overgrowth.
2. Discuss the Gastrointestinal manifestations of Acquired Immunodeficiency Syndrome.

II. Write notes on:

(10 x 7 = 70)

1. Etiology of Cirrhosis in a 5 year old Indian child.
2. Immunoprophylaxis against Hepatitis B.
3. Kernicterus.
4. Chemoprevention in Familial Colon cancer.
5. Familial Polyposis Syndrome.
6. Role of Dietary fibre in Gastrointestinal disorders.
7. Hirschsprung's disease.
8. Management of retained bile duct stone with distal Common bile duct stricture.
9. Diagnostic criteria of Autoimmune Pancreatitis.
10. Nut cracker's Esophagus.

(LL 014)

AUGUST 2017

Sub. Code:1252

D.M. – GASTROENTEROLOGY

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P.Code: 161252

Time: Three Hours

Maximum: 100 Marks

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

1. Etiopathogenesis, clinical features and diagnosis of ulcerative colitis.
2. Epidemiology, Etiopathogenesis, clinical features of gastric cancer.

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

1. Subjective global assessment.
2. Immunoproliferative small intestinal lymphoma.
3. Write briefly an Ghrelin.
4. Post polypectomy syndrome.
5. Ogilvie's syndrome.
6. 'Jelly Belly'.
7. Adverse effects of PPI.
8. Hook worm- lifecycle and diagnosis.
9. Evaluation of obscure GI bleed.
10. Top down therapy for Crohn's disease.

(LM 014)

FEBRUARY 2018

Sub. Code:1252

D.M. – GASTROENTEROLOGY

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P.Code: 161252

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. How to diagnose and manage a case of diarrhoea in a child?
2. Discuss causes, pathogenesis, diagnosis, treatment and prevention of oesophageal perforations.

II. Write notes on:

(10 x 7 = 70)

1. What are the types, and usefulness of Fecal occult blood tests?
2. Write briefly on Meconium Ileus.
3. What are the clinical syndromes of salmonella infections?
4. Mention briefly the problems encountered with rectal gas.
5. Write briefly on epidemiology of gastric cancer.
6. What are the complications with percutaneous endoscopic gastrostomy?
7. Discuss in brief small bowel ulcerations.
8. Management of Achalasia Cardia.
9. Acute Dysphagia – causes and management.
10. Enteral nutrition – indications and methods.

D.M. – MEDICAL GASTROENTEROLOGY

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P.Code: 161252

Time: Three Hours

Maximum: 100 Marks

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

1. Discuss the clinical features, pathogenesis and management of pseudo membranous enterocolitis.
2. Discuss the pathogenesis, management and prevention of Non steroidal anti inflammatory drug induced injury to the stomach.

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

1. Mention the relevance of omphalocele.
2. Mention the cutaneous signs of internal malignancy.
3. What is the importance of stool calprotectin?
4. Assess the importance of chromo endoscopy in gastrointestinal disorders.
5. Role of 24 hour pH manometry.
6. How to manage a patient with Bulimia Nervosa?
7. What is the current status of oral rehydration therapy?
8. Approach to inoperable carcinoma oesophagus.
9. Abdominal 'cocoon'.
10. Classification of oesophagitis.

(LP 014)

AUGUST 2019

Sub. Code: 1252

D.M. – MEDICAL GASTROENTEROLOGY

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P.Code: 161252

Time: Three Hours

Maximum: 100 Marks

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

1. Approach to management of diseases associated with protein losing enteropathy.
2. Describe in detail causes and management of small intestinal bacterial overgrowth.

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

1. Neonatal hepatitis.
2. Environmental enteropathy.
3. Biologics in inflammatory bowel disease.
4. Bile acid induced disease.
5. Eosinophilic esophagitis.
6. Diffuse large B cell lymphoma.
7. Tests for GERD.
8. Infantile hypertrophic pyloric stenosis.
9. Indeterminate colitis.
10. Gallstone ileus.

(LR 014)

**NOVEMBER 2020
(AUGUST 2020 SESSION)**

Sub. Code: 1252

D.M. – MEDICAL GASTROENTEROLOGY

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P.Code: 161252

**Time: Three Hours
Marks**

Maximum: 100

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

1. Discuss the current pathophysiology of inflammatory bowel disease and various guidelines on preventive care of inflammatory bowel disease
2. Discuss bile acid synthesis, regulation and classify bile acid malabsorption with diagnosis and current management.

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

1. Congenital portosystemic shunt
2. Type II achalasia
3. TIF (Trans oral incisionless Fundoplication)
4. Diabetic diarrhoea
5. GAVE (Gastric Antral Vascular Ectasia)
6. Aphthous stomatitis
7. Enteric viruses
8. Biliary dyskinesia
9. SRUS – Solitary Rectal Ulcer Syndrome
10. Fecal calprotectin

(DM 0821)

AUGUST 2021

Sub. Code: 1252

D.M. – MEDICAL GASTROENTEROLOGY

**Paper II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P.Code: 161252

Time: Three Hours

Maximum: 100 Marks

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

1. Discuss etiology epidemiology carcinogenesis of GASTRIC CANCER and preventive care in gastric cancer.
2. Discuss – Definition, epidemiology and causes of small bowel bleed and current diagnostic modalities and therapeutic options.

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

1. Urine tests for liver disease.
2. Recurrent pancreatitis in children.
3. LINX procedure.
4. Hiatus hernia.
5. Peritoneal carcinomatosis.
6. Jejunal biopsy in diagnosis of malabsorption syndrome.
7. Collagenous colitis.
8. Intestinal pseudo obstruction.
9. Choledochal cyst.
10. Hereditary non-polyposis colon cancer.

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

[DM 0223]

FEBRUARY 2023

Sub. Code :1252

D.M. – MEDICAL GASTROENTEROLOGY

**PAPER II – GENERAL GASTROENTEROLOGY INCLUDING
PAEDIATRIC AND PREVENTIVE GASTROENTEROLOGY**

Q.P.Code: 161252

Time: Three Hours

Maximum: 100 Marks

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

1. Describe in detail the pathophysiology, clinical features, evaluation and management of Chronic Diarrhoea.
2. Discuss the epidemiology, pathophysiology, diagnosis and management of Corrosive injury to upper Gastrointestinal Tract.

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

1. Meckel's diverticulum.
2. Familial Polyposis Syndrome.
3. Tyrosinemia.
4. Immunoproliferative small intestine Disease.
5. High Resolution Manometry.
6. Clinical Features of Tropical Malabsorption.
7. Bezoars in Stomach.
8. Prevention and Chemoprophylaxis of Gastric malignancy.
9. Immunopathogenesis of Crohn's disease.
10. Role of Dietary Fibre in Gastrointestinal disorders.

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

[DM 0124]

JANUARY 2024

Sub. Code :1252

D.M. – MEDICAL GASTROENTEROLOGY

**PAPER II – GENERAL GASTROENTEROLOGY INCLUDING PAEDIATRIC
AND PREVENTIVE GASTROENTEROLOGY**

Q.P.Code: 161252

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the etiology, diagnosis and management of Constipation in Children.
2. Discuss the genetics, diagnosis and management of Wilson's disease.

II. Write notes on:

(10 x 7 = 70)

1. Hepatitis E Virus.
2. Clinical Nutrition Assessment.
3. Recurrent Oral Ulcers.
4. Neonatal Cholestasis.
5. Abdominal pain in Children.
6. Prevention of Gastric Cancer.
7. Urine Tests for Liver Disease.
8. Meconium Ileus.
9. Hook Worm Infestation.
10. Fatty Liver in Children.

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

[DM 0225]

FEBRUARY 2025

Sub. Code :1252

D.M. – MEDICAL GASTROENTEROLOGY

**PAPER II – GENERAL GASTROENTEROLOGY INCLUDING PAEDIATRIC
AND PREVENTIVE GASTROENTEROLOGY**

Q.P. Code: 161252

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail about approach to upper GI bleed and management of non-variceal bleed.
2. Elaborate on Gastrointestinal manifestations of Type 2 diabetes mellitus and management of diabetic gastroparesis.

II. Write notes on:

(10 x 7 = 70)

1. Traveller's diarrhoea.
2. Lymphocytic colitis.
3. Coeliac disease.
4. Mirizzi syndrome.
5. Gastroesophageal reflux in children.
6. Cystic fibrosis.
7. Vonoprazan.
8. Chicago classification.
9. Meckel diverticulum.
10. Anorexia nervosa.

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

[DM 0825]

AUGUST 2025

Sub. Code: 1252

D.M. – MEDICAL GASTROENTEROLOGY

**PAPER II – GENERAL GASTROENTEROLOGY INCLUDING PAEDIATRIC
AND PREVENTIVE GASTROENTEROLOGY**

Q.P. Code: 161252

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss various eosinophil-associated disorders of the Gastrointestinal tract, diagnosis and management.
2. Discuss clinical features, pathology and management of radiation injury to the gastrointestinal tract.

II. Write notes on:

(10 x 7 = 70)

1. Top-down therapy for Crohn's disease.
2. Watermelon stomach.
3. Gastrointestinal fistulas.
4. Impedance pH-metry.
5. Effects to prevent colon cancer.
6. Infantile hypertrophic pyloric stenosis.
7. Functional esophageal disorders.
8. Role of Zinc in childhood acute diarrhea.
9. GI (Gastrointestinal) causes of Anemia.
10. Intestinal Tuberculosis – Lab diagnosis.
