

APRIL - 1997

MP 50

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch VI - Surgical Gastroenterology
and Proctology

(Revised Regulations)

Paper I - BASIC SCIENCES AS APPLIED TO
GASTROENTEROLOGY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the blood supply of duodenum
and pancreas and its surgical implications.
(25)
2. Discuss the pelvic floor physiology in
the context of normal continence and
defaecation. (25)
3. Write briefly on: (5x10=50)
 - Anaerobic infections in colonic
surgery
 - Chemotherapy in liver metastasis
 - (c) Fluid and electrolyte problems in
pyloric obstruction
 - (d) Haematuria
 - (e) Carcinoid syndrome.

OCTOBER - 1997

MS 29

M.Ch. DEGREE EXAMINATIONS

(Higher Specialities)

Branch VI - Surgical Gastroenterology and
Proctology

(Revised Regulations)

Paper I - BASIC SCIENCES AS APPLIED TO
GASTROENTEROLOGY (APPLIED ANATOMY,
APPLIED PHYSIOLOGY, MICROBIOLOGY
AND CLINICAL PHARMACOLOGY)

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the pathological types and classification of carcinoma stomach. 25)
2. Discuss the surgical anatomy of liver. (25)
3. Write briefly on: (5x10=50)

T.P.N

Jejunostomy complications

- (c) Hepatorenal syndrome
- (d) Hypersplenism
- (e) Endoscopic ultrasound.

APRIL - 1998

SV 55

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch VI - Surgical Gastroenterology and
Proctology

(Revised Regulations)

Paper I - BASIC SCIENCES AS APPLIED TO
GASTROENTEROLOGY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the anatomy of the lower oesophageal sphincter. (25)
 2. Discuss the pathogenesis of acute pancreatitis. (25)
 3. Write briefly on: (5x10=50)
 - (a) Hepatorenal syndrome
 - (b) Gut induced sepsis
 - (c) C.E.A. (Carcino Embryonic Antigen)
 - (d) Newer methods of intestinal anastomosis
 - (e) Zenker's diverticulum.
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OCTOBER - 1998

[SM 052]

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch VI — Surgical Gastroenterology and Proctology

(Revised Regulations)

**Paper I — BASIC SCIENCES AS APPLIED TO
GASTROENTEROLOGY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the surgical anatomy and pathophysiology of the lower oesophageal sphincter in relation to Reflux Oesophagitis. (25)
2. Discuss the various factors controlling intestinal blood flow and their implications in the pathogenesis of Acute mesenteric ishaemia. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Tacrolimus.
 - (b) Cytokines and GI disease.
 - (c) Haemodynamic assessment of liver.
 - (d) Abdominal compartment syndrome.
 - (e) Water melon stomach.

OCTOBER - 1999

[KA 052]

Sub. Code : 1751

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch VI — Surgical Gastroenterology and Proctology

(Revised Regulations)

**Paper I — BASIC SCIENCES AS APPLIED TO
GASTROENTEROLOGY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the surgical anatomy of liver and its relevance in liver resections. (25)
2. Discuss the extrinsic and intrinsic vagal innervation of the G.I.T. and its implications in health and after vagotomy. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Somatostatin
 - (b) Epidermal Growth Factor
 - (c) Duodenogastric reflux
 - (d) OKT 3
 - (e) RAS gene.

APRIL - 2000

[KB 052]

Sub. Code : 1751

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch VI — Surgical Gastroenterology and Proctology

(Revised Regulations)

**Paper I — BASIC SCIENCES AS APPLIED TO
GASTROENTEROLOGY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss aetio-pathogenesis of septic shock. (30)
2. Describe fat metabolism and discuss its aberrations. (30)
3. Write notes on : (4 × 10 = 40)
 - (a) Caudate lobe of liver
 - (b) Ileo-caecal valve
 - (c) Biliary Scintigraphy
 - (d) Development and blood supply of Pancreas.

OCTOBER - 2000

[KC 052]

Sub. Code : 1751

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch VI — Surgical Gastroenterology and Proctology

(Revised Regulations)

**Paper I — BASIC SCIENCES AS APPLIED TO
GASTROENTEROLOGY**

**(Applied Anatomy, Applied Physiology, Micro Biology
and Clinical Pharmacology)**

Time : Three hours :

Maximum : 100 marks

Answer ALL questions.

1. Discuss the surgical anatomy and the clinical relevance of lower end of CBD. (30)
 2. Discuss bile metabolism and its aberrations. (30)
 3. Write briefly on : (4 × 10 = 40)
 - (a) Uncinate process of pancreas
 - (b) Small bowel enema
 - (c) Critical area in the blood supply of large intestine
 - (d) Subphrenic spaces and its clinical significance.
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