

MARCH - 1990

4/2

M.Ch. DEGREE EXAMINATION, MARCH 1990.

(Higher Specialities)

Branch II — Neurosurgery

Part I

BASIC SCIENCES IN RELATION TO GENERAL SURGERY

Time : Three hours.

Answer ALL the questions.

Describe the etiology and clinical features of septicemia and discuss its management.

Describe the pathophysiology and clinical features of DIC and discuss its management.

Write short notes on :

- (a) Anaphylaxis.**
 - (b) Hyponatremia.**
 - (c) Proteinuria.**
 - (d) Management of diabetes in a surgical patient.**
 - (e) Hyperacidity.**
-

SEPTEMBER - 1990

302 A

M.Ch. DEGREE EXAMINATION. SEPTEMBER 1990.

(Higher Specialities)

Branch II — Neurosurgery

Part I

Paper I — BASIC SCIENCES IN RELATION TO GENERAL
SURGERY

Time : Three hours.

Answer ALL the questions.

1. Classify burns. Discuss their modern management.
 2. Discuss the indications, precautions, complications and their management of blood transfusion.
 3. Write short notes on :
 - (a) Pathological calcification.
 - (b) Corpus Spongiosum.
 - (c) Parenteral Hyperalimentation.
 - (d) Coeliac Plexus.
 - (e) Blood Supply to Thyroid.
-

MARCH - 1991

M.Ch. DEGREE EXAMINATION, MARCH 1991.

(Higher Specialities)

(New Regulations)

Branch II — Neurosurgery

Part

**BASIC SCIENCES IN RELATION TO GENERAL
SURGERY**

Three hours.

Maximum 100 marks

Answer ALL the questions.

**Discuss the prevention and treatment of hospital
infection in surgical patients. (25 marks)**

**II. Discuss modern aids in intraoperative monitoring of
patients undergoing surgery. (25 marks)**

Write short notes on :

(a) William Halstead.

(b) John Benjamin Murphy.

(c) Decubitus ulcer.

(d) Shock lung.

(e) Free radicals.

(5 × 10 = 50 marks)

SEPTEMBER - 1991

346

M.Ch. DEGREE EXAMINATION, SEPTEMBER 1991.

(Old and New Regulations)

Branch II — Neurosurgery

Part I — Paper I

BASIC SCIENCES IN RELATION TO GENERAL SURGERY

Time : Three hours

Maximum : 100 marks

Answer ALL the questions.

1. Discuss the aetiology, clinical features and management of fat embolism. (25 marks)
 2. Discuss the pathogenesis and management of Diabetic gangrene. (25 marks)
 3. Write short notes on :
 - (a) Scalene Syndrome.
 - (b) Cystic Hygroma.
 - (c) Warthin's tumour.
 - (d) Ultrasonography.
 - (e) Chronic Empyema. (5 × 10 = 50 marks)
-

MARCH - 1992

461

M.Ch. DEGREE EXAMINATION, MARCH 1992

(Old/New Regulation)

Branch II — Neurosurgery

Part

Paper **BASIC SCIENCES IN RELATION TO
GENERAL SURGERY**

e Three hours	Maximum 100 marks.
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Answer ALL the questions.

Classify **or** **Discuss their modern management.**
(25 marks)

Discuss the indications, precautions, complications & their management of blood transfusion. (25 marks)

Write short notes on :

(a) **Pathological calcification.**

(b) Corpus Spongiosum.

(c) Parenteral Hyperalimentation.

(d) Coeliac Plexus.

(e) Blood supply to Thyroid. (5 × 10 = 50 marks)

SEPTEMBER - 1992

[346]

M.Ch. DEGREE EXAMINATION, SEPTEMBER 1992.

Branch II — Neurosurgery

Part I

BASIC SCIENCES IN RELATION TO GENERAL SURGERY

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

Draw diagrams wherever necessary.

1. What is Gangrene ? Classify Gangrene. Discuss the etiopathogenesis, pathology and management of gas gangrene. (25)
 2. A girl of 20 is brought with Burns including the face. Discuss the management and also current trends. (25)
 3. Write short notes on : (5×10=50)
 - (a) Rathke's Pouch.
 - (b) Bed Sore.
 - (c) Pulsating Exophthalmos.
 - (d) Chemotherapy of malignancy.
 - (e) Hyperparathyroidism.
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NOVEMBER - 1993

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch II — Neurosurgery

(Old / New Regulations)

Part I

**Paper I — BASIC SCIENCES IN RELATION
TO GENERAL SURGERY**

Three hours. Maximum 100 marks.

Answer ALL questions.

Draw diagrams wherever necessary.

Define Shock. Discuss the etiopathogenesis, clinical manifestations, diagnosis and management of different types of shock. (25)

What are the different Malignant lesions of the colon? Describe the clinical features and management of basal cell Carcinoma. (25)

Write short notes on : (5 × 10 = 50)

- (a) Ingrowing toe nail.**
- (b) Cystic hygroma.**
- (c) Muscle relaxants.**
- (d) Carbuncle.**
- (e) Flail chest.**

APRIL - 1994

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch II - Neurosurgery

(Old/New Regulations)

Part I

**Paper I - BASIC SCIENCES IN RELATION
TO GENERAL SURGERY**

Time: Three hours

Max.marks:100

Answer ALL questions.

Draw diagrams wherever necessary.

1. What are the indications for Blood transfusion?
Discuss the complications of Blood transfusion. (25)
2. Classify Lymphomas. Describe the pathology,
clinical manifestations, diagnosis and
management of Hodgkin's Lymphoma. (25)
3. Write short notes on : (5 x 10 = 50)
 - a. Thyroglossal fistula
 - b. Marjolin's ulcer
 - c. Cervical rib
 - d. Diabetic foot
 - e. Hypokalaemia

APRIL - 1995

B 1221

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch II — Neurosurgery

(Old/New Regulations)

Part

**Paper I — BASIC SCIENCES IN RELATION TO
GENERAL SURGERY**

Three hours

Maximum : 100 marks

Answer ALL questions.

Draw diagrams wherever necessary.

**Describe the biological process of wound healing.
What are the factors which can influence wound healing?
(25)**

**Management of Gangrene. Discuss the management of
(25)**

Write short notes on : (5 x 10 = 50)

- (a) Lymph Cyst.**
- (b) Rodent Ulcer.**
- (c) Perianal abscess.**
- (d) Malignant Melanoma.**
- (e) Spinal anaesthesia.**

APRIL - 1996

AK 43

M.Ch. DEGREE EXAMINATIONS

(Higher Specialities)

Branch II - Neuro Surgery

(Old/New Regulations)

Part I

Paper I-BASIC SCIENCE IN RELATION TO GENERAL SURGERY

Time: Three hours

Max. marks: 100

Answer All Questions

1. Discuss the role of parenteral nutrition in surgical patients. (25)
2. Surgical wound sepsis – causes and prevention. Discuss briefly.
3. Write short notes on: (5x10=50)
 - (a) Nerve abscess in leprosy
 - (b) Pressure sore
 - (c) Surgery for Hypertension
 - (d) Incisional hernia
 - (e) Epidural analgesia.

APRIL - 1997

MP 62

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch II - Neuro Surgery

(Revised Regulations)

Part I

Paper I - BASIC SCIENCES IN RELATION TO
GENERAL SURGERY

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the features of Acquired Immuno Deficiency Syndrome and its significance to the surgeon. (25)
2. Anaerobic infections in surgical patients- discuss their relevance, management and prevention. (25)
3. Write briefly on: (5×10=50)

Solitary thyroid nodule

Parotitis

(c) Autologous blood transfusion

Tetanus

(e) Hodgkin's disease.

APRIL - 1998

SV 32

M.Ch DEGREE EXAMINATION

(Higher Specialities)

Branch II - Neurosurgery

(Revised Regulations)

Part I

Paper I - BASIC SCIENCES IN RELATION TO
GENERAL SURGERY

Time: Three hours

Max.marks:100

Answer All Questions

Draw diagrams wherever necessary

1. Describe the metabolic response to Trauma and management of polytrauma patient on the basis of above principles. (
2. Describe the methods of enteral and par-enteral nutrition, its indications and complications of the same. (25)
3. Write briefly on: (5x10=50)
 - (a) Facial burns
 - (b) Recurrent dislocation of shoulder
 - (c) Chemotherapy of cancer breast
 - (d) Pulmonary function tests
 - (e) Epidural anaesthesia.

OCTOBER - 1998

[SM 029]

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch II — Neurosurgery

(Revised Regulations)

Part I

Paper I — BASIC SCIENCES IN RELATION TO GENERAL
SURGERY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Define massive blood transfusion. Discuss the differential diagnosis of upper G.I. bleeding and management of bleeding oesophageal varices. (25)
2. Define ARDS (Acute Respiratory Distress Syndrome). Describe the management of different types of chest injuries. (25)
3. Write short notes on : (5 × 10 = 50)
 - (a) Cervical rib.
 - (b) Stenting.
 - (c) Extradural haematoma.
 - (d) Dentigerous cyst.
 - (e) Rodent ulcer.

OCTOBER - 1999

[KA 029]

Sub. Code : 1551

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch II — Neurosurgery

(New/Revised Regulations)

Part I

**Paper I — BASIC SCIENCE IN RELATION TO
GENERAL SURGERY**

Time : Three hours

Maximum : 100 marks

1. What are the different Malignant lesions of the skin? Describe the clinical features and management of Basal cell carcinoma. (25)
2. Classify Gangrene. Discuss the aetiopathogenesis, pathology and management of gas gangrene. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Bed sore
 - (b) Rathke's pouch
 - (c) Cystic groma
 - (d) Ingrowing toe nail
 - (e) Muscle relaxants.

APRIL - 2000

[KB 029]

Sub. Code 1551

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch II — Neurosurgery

(Revised Regulations)

Part I

**Paper I — BASIC SCIENCES IN RELATION TO
GENERAL SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw diagram wherever necessary.

1. What is Disaster? How will you manage major train accident occurred nearby your hospital? (25)
2. Enumerate various causes of Haematemesis and discuss their management in brief. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Complications of blood transfusion.
 - (b) Electric burn.
 - (c) Bed sores.
 - (d) Blood gas analysis.
 - (e) Trauma score.

OCTOBER - 2000

[KC 029]

Sub. Code: 1551

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch II — Neurosurgery

(New and Revised Regulations for 5 years course)

Part I

Paper I — BASIC SCIENCES IN RELATION TO
GENERAL SURGERY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw diagram wherever necessary.

1. What are various methods to assess the Nutritional status of the patient? How will you manage malnutrition in surgical patients? (25)

2. Discuss in detail clinical presentation and management of various injuries due to blunt trauma to the abdomen. (25)

3. Write briefly on : (5 × 10 = 50)

(a) Adult Respiratory Distress Syndrome (ARDS)

(b) Secondaries Neck

(c) Central Venous Catheterisation

(d) Hospital acquired infections

(e) Acquired immune deficiency syndrome (AIDS) and Surgeon.