

MARCH - 1990

6

M.Ch. DEGREE EXAMINATION, MARCH 1990.

(Higher Specialities)

Branch II — Neurosurgery

Part II

CLINICAL NEUROLOGY

Time Three hours

Answer ALL the questions

A 42 year old man is admitted with a history of sudden onset of seizures followed by loss of consciousness. He is drowsy with signs of meningeal irritation. Discuss the differential diagnosis and management.

Describe the current concepts of the pathogenesis and management of myasthenia gravis.

Write short notes on :

- (a) Aetiology of organic dementia.
 - (b) Sodium valproate.
 - (c) Guillain-Barre syndrome.
 - (d) Use of positron emission tomography in epilepsy.
 - (e) Non-compressive myelopathy.
 - (f) The aprosodias.
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MARCH - 1990

(Five Years Course for M.B.,B.S. candidates)

6164

M.Ch. DEGREE EXAMINATION, MARCH 1990

(Higher Specialities)

Branch II - Neurosurgery

Part II

Paper III - CLINICAL NEUROLOGY

: Three hours.

SECTION I

A man aged 20 years comes with cerebellar
ataxia of five years duration. Discuss the possi-
bilities of management.

Discuss the pathogenesis and clinical fea-
tures of Neurocysticercosis.

SECTION II

Write short notes on:

- (a) Periodic Palsy.
- (b) Carpal tunnel syndrome.
- (c) Motor evoked potential monitoring.
- (d) Hydrocephalic attacks.
- (e) Management of status epilepticus.
- (f) Classification of Brainstem gliomas.

SEPTEMBER - 1990

M.Ch. DEGREE EXAMINATION, SEPTEMBER 1990.

(Higher Specialities)

Branch II — Neurosurgery

Part II

Paper III — CLINICAL NEUROLOGY

Time : Three hours.

Answer ALL the questions.

1. Describe the investigations and management of a patient presenting with acute haemorrhagic stroke.
 2. Describe the neurological complications of acquired immunodeficiency syndrome (AIDS).
 3. Write short notes on :
 - (a) Medical management of seizure disorders.
 - (b) Prosopagnosia.
 - (c) Neurological manifestations of endemic fluorosis.
 - (d) Use of positron emission tomography in aging and dementia.
 - (e) L-DOPA.
 - (f) Current concepts of genetic factors involved in von Recklinghausen's disease.
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MARCH - 1991

9

M.Ch. DEGREE EXAMINATION, MARCH 1991

(Higher Specialities)

Branch II Neurosurgery

Part I

Paper III — CLINICAL NEUROLOGY

30 Three hours.

Answer ALL the questions.

**Discuss the central mechanisms of speech. How
a case of dysphasia examined?**

**What is "Pott's Paraplegia"? Discuss its aetio-
pathology and clinical manifestations.**

Write short notes on

- (a) Claw hand**
- (b) Thoracic inlet syndrome**
- (c) Bilateral ptosis.**
- (d) Tests for cerebral dominance**
- (e) "Centrencephalic epilepsy"**

MARCH - 1991

M.Ch. DEGREE EXAMINATION, MARCH 1991

(Higher Specialities)

(New Regulations)

Part II

Branch II Neurosurgery

Paper III — CLINICAL NEUROLOGY

Time: Three hours Maximum: 100 marks

Answer ALL the questions.

Discuss the differential diagnosis of wasting of small muscle of hand in a woman aged 34 years. (25 marks)

What are the causes of headache? Classify headaches and give localising value in physical diagnosis. (25 marks)

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

- (a) Oscillopsia.**
- (b) Uncinate fits.**
- (c) Cholinergic crisis.**
- (d) Vestibular function tests**
- (e) McEwen's sign.**

SEPTEMBER - 1991

350

M.Ch. DEGREE EXAMINATION, SEPTEMBER 1991.

(Old and New Regulations)

Branch II — Neurosurgery

Part II

Paper III — CLINICAL NEUROLOGY

Time: Three hours.

Maximum: 100 marks.

Answer ALL questions.

1. Describe the differential diagnosis and investigations of a patient presenting with bilateral small muscle wasting of hands. (25 marks)
2. Describe the current therapeutic modalities for the management of myasthenia gravis. (25 marks)
3. Write short notes on: (5×10=50 marks)
 - (a) Locked-in syndrome.
 - (b) Ataxic hemiparesis.
 - (c) Alzheimer's disease.
 - (d) Bromocriptine.
 - (e) Huntington's pupil.

MARCH - 1992

350

M.Ch. DEGREE EXAMINATION, MARCH 1992.

(Old/New Regulation)

Part II — Neurosurgery

Paper III — CLINICAL NEUROLOGY

Time Three hours Maximum 100 marks

Answer ALL the questions.

1. A 38 year old man is admitted following sudden onset of seizures followed by unconsciousness. He was found to be drowsy with signs of meningism. Discuss the differential diagnosis and management. (25 marks)
 2. Describe the pathogenesis, clinical features and management of neurocysticercosis. (25 marks)
 3. Write short notes on: [5 × 10 = 50 marks]
 - (a) Pituitary apoplexy
 - (b) Normal pressure hydrocephalus.
 - (c) Tuberos sclerosis.
 - (d) Carpal tunnel syndrome.
 - (e) Complex partial seizures.
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SEPTEMBER - 1992

[350]

M.Ch. DEGREE EXAMINATION, SEPTEMBER 1992.

Neurosurgery — Branch II — Part II

Paper III — CLINICAL NEUROLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the importance of examining the pupils in clinical neurology. (25 marks)
 2. Discuss differential diagnosis of wasting of small muscles of hands in a 40 year old man. (25 marks)
 3. Write short notes on : (10 × 5 = 50 marks)
 - (a) Neurogenic bladder.
 - (b) Internuclear ophthalmoplegia.
 - (c) Alcoholic neuritis.
 - (d) Intermittent hydrocephalus.
 - (e) Reflex epilepsy.
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MARCH - 1993

1126

M.CH. DEGREE EXAMINATION MARCH, 1993

Branch II NEURO SURGERY

OLD/NEW REGULATIONS

PART II

CLINICAL NEUROLOGY

Time:Three hours

Maximum:100 Marks

1. Describe the various neurological complications of infections of middle ear
2. Discuss in detail the significance of sudden onset of hemiparesis in young adult.

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

1. Unilateral ptosis.
2. Hemifacial spasm.
3. Fungal Meningitis
4. Psuedopapilloedema.
5. Intra cerebral haematoma.

NOVEMBER - 1993

[PR 326]

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch II — Neurosurgery

(Old/New Regulations)

Part II

Paper III — CLINICAL NEUROLOGY

Time : Three hours.

Maximum : 100 marks.

Answer ALL questions.

1. Discuss in detail the types of gait disorders, their localisation and clinical differential diagnosis. (25)
 2. Discuss the clinical differential diagnosis of high cervical cord lesions. What specific signs should be looked for localisation? Explain the anatomical basis of these signs. (25)
 3. Write short notes on : (5×10=50)
 - (a) Slit-ventricle syndrome.
 - (b) Tension pneumocephalus.
 - (c) Brain herniations.
 - (d) Parinaud's syndrome.
 - (e) Basilar invagination.
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NOVEMBER - 1994

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch II — Neurosurgery

(Old/New Regulations)

Part II

Paper III — CLINICAL NEUROLOGY

Time : Three hours

Maximum 100 marks.

Answer ALL questions.

1. Classify intracranial arteriovenous malformations. Discuss in detail their clinical manifestations. (25)

2. Describe in detail the clinical and radiological evaluation of "chronic-recurrent-meningitis". Outline principles of management in each condition. (25)

Write short notes on : (5 × 10 = 50)

(a) Tuning fork tests.

(b) "Brain-death".

(c) Cortical venous thrombosis.

(d) Benign intracranial hypertension.

(e) Visual field charting.

APRIL - 1995

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch II – Neurosurgery

(Old/New Regulations)

Part II

Paper III – CLINICAL NEUROLOGY

Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the pathology and pathogenesis of Parkinsonism. Discuss in detail its management. (25)

2. Classify Epilepsy. Discuss its pathophysiology and management in detail. (25)

3. Write short (5 × 10 = 50)

(a) Ungang extensor plantaris: Physiology and mechanism of the extensor response

(b) The Cold Caloric tests.

(c) Visual Evoked Responses.

(d) Post-traumatic seizures.

(e) Pulsating proptosis.

APRIL - 1996

AK 47

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch II - Neuro Surgery

(Old/New Regulations)

Part II

Paper III - CLINICAL NEUROLOGY

Time: Three hours

Max. marks:100

Answer All Questions

1. Discuss in detail clinical manifestation, diagnosis and management of Tuberculous Meningitis. (25)
2. Describe in detail the diagnosis and management of spontaneous intra-cerebral haematoma. (25)
3. Write short notes on: (5x10=50)
 - (a) Glasgow coma scale
 - (b) Sturge Weber syndrome
 - (c) Dementia
 - (d) Pituitary apoplexy
 - (e) T.I.A.

APRIL - 1997

MP 66

M.Ch. DEGREE EXAMINATION
(Higher Specialities)
Branch II - Neuro Surgery
(Revised Regulations)
Part II

Paper III - CLINICAL NEUROLOGY

Time: Three hours

Max.marks:100

Answer All Questions

1. Describe the clinical picture, diagnosis and management of Guillain-Barre syndrome. (25)
2. Discuss the management of epilepsy with emphasis on status epilepticus. (25)
3. Write briefly on: (5x10=50)
Post herpetic neuralgia
Normal pressure hydrocephalus
(c) Cavernous sinus thrombosis
Syringomyelia
Baclofen.

APRIL - 1998

SV 36

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch II - Neuro Surgery

(Revised Regulations)

Part II

Paper III - CLINICAL NEUROLOGY

Time: Three hours

Max. marks:100

Answer All Questions

1. Discuss the aetiology, differential diagnosis and investigations in a case of a 30 year old man presenting with foot drop. (25)
2. Describe the aetiology, clinical features, differential diagnosis and management of benign intracranial hypertension. (25)
3. Write briefly on: (5x10=50)
 - (a) Chorea
 - (b) Tetany

Frozen shoulder

Carpal Tunnel Syndrome

Multicystic hydrocephalus.

APRIL - 2000

[KB 033]

Sub. Code : 1563

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch II — Neurosurgery

(New Revised — 5 Year Course)

Paper III — CLINICAL NEUROLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the differential diagnosis of headache. (25)
2. Describe the clinical symptomatology and differential Diagnosis of Cervical Cord myelopathy. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Non-progressive dystonia.
 - (b) Ptosis.
 - (c) Draw a labelled diagramme of the ankle reflex
 - (d) Nystagmus.
 - (e) Paralysis Agitans.

OCTOBER - 2000

[KC 033]

Sub. Code : 1563

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch II — Neurosurgery

(New and Revised Regulations for 5 years course)

Part II

Paper III — CLINICAL NEUROLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the various manifestations of Acquired Immuno Deficiency Syndrome in neurology. (25)
2. Discuss the role of surgery in cerebral palsy. (25)
3. Write short notes on : (5 × 10 = 50)
 - (a) Baclofen
 - (b) S.L.A.D.H.
 - (c) Carpal Tunnel Syndrome
 - (d) Guillain-Barre Syndrome
 - (e) Chorea.