

[KE 918]

Sub. Code : 5161

BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Fifth Semester/Seventh Semester

Revised/Transitory/Modified Regulations

Paper I — NEUROLOGY FOR PHYSIOTHERAPIST
(CLINICAL NEUROLOGY)

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following :
(20)

(a) Describe the etiology, clinical findings, management, physiotherapy for Neural Hansen's disease.

(b) Describe the clinical features, management, rehabilitation of acute viral Transverse myelitis. Add a note to Bladder control and Rehabilitation of Bladder Dysfunctions in Transverse Myelitis.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Internal Capsule

(b) Oculomotor nerve clinical examination

(c) Plantar response

(d) Knee and ankle clonus

(e) Muscle spindle

(f) Facial paralysis

(g) Contractures of Tendo Achilis

(h) Scoliosis (Neurogenic)

3. Write an essay on any ONE of the following :
(20)

(a) Clinical features, aetiology and management of Tuberculous meningitis.

Or

(b) Aetiology, clinical features and management of cervical compressive myelopathy.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Carpal Tunnel Syndrome

(b) Management of Dystonia

(c) Posture control

(d) Hemiballismus

(e) Pyramidal tract

(f) Muscle Fasciculations

(g) TIA of Carotid Territory

(h) Agnosia (Visual).

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BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.

Fifth/Seventh Semester

(Revised Regulations/Transitory/Modified Regulations)

Paper I — NEUROLOGY FOR PHYSIO THERAPIST
(CLINICAL NEUROLOGY)

Time : Three hours

Maximum : 100 marks

Write an essay on any ONE of the following : (20)

- (a) Aetiology, clinical features and management of Myasthenia Gravis
- (b) Aetiology, clinical features and management of Bell's Palsy.

Write short notes on any SIX : (6 × 5 = 30)

- (a) Knee Jerk.
- (b) Myoclonus.
- (c) Alzheimer's Disease
- (d) Signs of Lower motor Neuron lesion
- (e) Cortical sensations
- (f) Management of Poliomyelitis
- (g) Radial Nerve injury
- (h) Anti epileptic drugs.

3. Write an essay on any ONE of the following : (20)

(a) Tuberculous infection of the central nervous system

(b) Motor neuron disease.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Clinical features of intra medullary lesions of the spinal cord

(b) Circle of Willis

(c) Examination of the motor system

(d) Touch Sensations

(e) Crossed hemiplegia

(f) Hydrocephalus

(g) Huntington's chorea

(h) Fasciculations.

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BACHELOR OF PHYSIOTHERAPY DEGREE
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Paper I — NEUROLOGY FOR PHYSIOTHERAPIST

(CLINICAL NEUROLOGY)

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Define stroke. Outline the various subtypes of stroke and discuss the rehabilitative measures of a stroke patient.

(b) Describe the causes and the clinical features of intervertebral disc prolapse in the lumbosacral region and discuss its physiotherapy programme.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Rigidity

(b) Lower motor neurone facial palsy

(c) Motor aphasia

(d) Closed spinal bifida

(e) Obstructive hydrocephalus

(f) Hemiplegic cerebral palsy

(g) Syringomyelia

(h) Extra medullary spinal cord compression.

3. Write an essay on any ONE of the following : (20)

(a) Discuss the causes and clinical features of paraplegia and outline its rehabilitative measures.

(b) Define and classify muscular dystrophy. Discuss the clinical features, treatment and rehabilitative measures of Duchenne muscular dystrophy.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Grading of muscle power

(b) Romberg test

(c) Monosynaptic reflex arch

(d) Hemiplegic gait

(e) Tuberculous meningitis

(f) Gliomas

(g) Diplopia

(h) Argyll Robertson pupils.

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September-2002

B.P.T. DEGREE EXAMINATION.

Seventh Semester

(New Modified Regulations)

Paper II — NEUROLOGY FOR PHYSIOTHERAPIST

(CLINICAL NEUROLOGY)

Time : Three hours

Maximum : 100 marks

Answer any ONE of the following : (20)

(a) Describe (i) The formation of brachial plexus.
(ii) The clinical features and management of the upper brachial plexus injury.

(b) Define cerebral palsy. Outline the types, clinical features and management of cerebral palsy.

1 Write short notes on any SIX : (6 × 5 = 30)

(a) Cortico-Spinal Tract (Pyramidal Tract)

(b) Pain Pathway

(c) Hydro Cephalus

(d) Weber Syndrome

(e) Syringo Myelia

(f) Transverse Myelitis

(g) Hemi neglect

(h) Carpal Tunnel Syndrome.

3. Answer any ONE of the following : (20)

(a) What is Motor Neurone disease? Outline the types, clinical features and management of Motor Neurone disease.

(b) Describe (i) The formation of circle of willis.
(ii) The clinical features and management of total occlusion of left middle cerebral artery.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Limb-Girdle muscular dystrophy

(b) Memory

(c) Types of gait abnormalities

(d) Ataxia

(e) Meralgia Paresthetica

(f) Epilepsy

(g) Multiple Sclerosis

(h) Spina Bifida.

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BACHELOR OF PHYSIOTHERAPY
DEGREE EXAMINATION.

Fifth/Seventh Semester

(Revised Regulations/Transitory/Modified Regulations)

Paper I – NEUROLOGY FOR PHYSIOTHERAPIST

(CLINICAL NEUROLOGY)

Time : Three hours

Maximum : 100 marks

1. Write an essay on any ONE of the following : (20)

(a) Describe the clinical features, management and rehabilitation of Gullain – Bare syndrome.

(b) Describe the etiology, clinical features and management of Parkinson's disease.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Visual pathway

(b) Chorea

(c) Tremors

(d) Brown sequard syndrome

(e) Spinal polio

(f) Tuberculoma

(g) Anosmia

(h) Hypertonia.

3. Write an essay on any ONE of the following : (20)

(a) Describe Cerebral palsy – etiology, classification clinical features and the management.

(b) Describe cerebrospinal fluid circulation with a diagram. Add a note on Hydercephalus.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) Claw hand

(b) Glasgow coma scale

(c) Pyramidal tract

(d) Risk factors for stroke

(e) Petitmal seizures

(f) Blink reflex

(g) Coverings of the Brain

(h) Dermato myositis.

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B.P.T. DEGREE EXAMINATION.

Seventh Semester

(New Modified Regulations)

Paper II — NEUROLOGY FOR PHYSIOTHERAPIST
(CLINICAL NEUROLOGY)

Time : Three hours

Maximum : 100 marks

1. Answer on any ONE of the following : (20)

(a) Write an essay on Aetiology, clinical features, various deformities and treatment of Poliomyelitis.

Or

(b) Describe in detail the various causes, clinical features, complications and treatment of right sided Hemiplegia.

2. Write short notes on any SIX : (6 × 5 = 30)

(a) Plantar response.

(b) Spasticity.

(c) Axon.

(d) Febrile fits.

(e) Autonomic bladder.

(f) Assessment of Vth Cranial nerve

(g) Pyogenic meningitis sequelae

(h) Spinabifida.

3. Write an essay on any ONE of the following : (20)

(a) Describe in detail the aetiology, clinical features and treatment of Parkinson's disease.

Or

(b) Describe in detail clinical features, complications and treatment of Multiple Sclerosis.

4. Write short notes on any SIX : (6 × 5 = 30)

(a) High stepping gait.

(b) Cerebro spinal fluid.

(c) Neuro muscular junction.

(d) Dysarthria.

(e) Contracture of Tendoachilis.

(f) Meninges of brain.

(g) Dementia.

(h) Wallerian degeneration.

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**BACHELOR OF PHYSIOTHERAPY DEGREE
EXAMINATION.**

Fifth/Seventh Semester

(Revised Regulations/Transitory/Modified Regulations)

**Paper I — NEUROLOGY FOR PHYSIOTHERAPIST
(CLINICAL NEUROLOGY)**

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

M.C.Q. must be answered SEPARATELY on the answer
sheet provided as per the instructions on the first page
of MCQ booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions : (Each carry 15 marks)

1. Discuss in detail the various types of hydrocephalus and how will you rehabilitate a child with obstructive hydrocephalus.

2. Discuss in detail the immediate and late complication of a patient with head injury.

II. Short Notes : (Each carry 5 marks)

- (a) Jendrassik's Manoeuvre
- (b) Kayser-Fleischer ring
- (c) Lathyrism
- (d) Limb-girdle muscular dystrophies
- (e) Infantile hemiplegia.
- (f) Hypertonia
- (g) Herpes zoster
- (h) Drug induced parkinsonism
- (i) Glioma
- (j) Claw hand.

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B.P.T. DEGREE EXAMINATION.

Seventh Semester

(New Modified Regulations)

Paper II — NEUROLOGY FOR PHYSIOTHERAPIST
(CLINICAL NEUROLOGY)

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

M.C.Q. must be answered **SEPARATELY** on the
answer sheet provided as per the instructions on
the first page of M.C.Q. Booklet.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay Questions : (Each carry 15 marks)

1. Discuss the clinical features and physiotherapy management of cervical cord injury.
2. Explain the normal walking and discuss the various types of gait.

II. Short notes (Each carry 5 marks)

- (a) Trady Ulnar nerve palsy
- (b) Torticollis
- (c) Thoracic outlet syndrome
- (d) Inverted radial reflex
- (e) Lacunar stroke
- (f) Motor unit
- (g) Root pain
- (h) Vestibular ataxia
- (i) Communicative Hydrocephalus
- (j) Sydenham's chorea.

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

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**Paper I — NEUROLOGY FOR PHYSIOTHERAPIST
(CLINICAL NEUROLOGY)**

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 the questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 15 = 30)

(1) Gullian Barre's syndrome signs and symptoms, complications, investigations, diagnosis and management.

(2) Define stroke types, diagnosis, prevention, and management.

- (a) Dementia
- (b) Entrapment neuropathy
- (c) Babinskis' sign
- (d) Ataxia
- (e) Foot Drop
- (f) Torson dystonia
- (g) Circle of willis
- (h) Normal pressure hydrocephalus
- (i) Spinabifida
- (j) Kernig singn.

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B.P.T. DEGREE EXAMINATION.

(New Modified Regulations)

Seventh Semester

Paper II — NEUROLOGY FOR PHYSIOTHERAPIST

(CLINICAL NEUROLOGY)

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.

Draw suitable diagram wherever necessary.

A. Essay Questions :

(2 × 15 = 30)

(1) Classification of cerebral palsy and discuss in detail the management of a case of spastic diplegia in a 5 year old child.

(2) Parkinsonism etiology pathology clinical findings its diagnosis and management.

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

- (a) Pseudomuscular dystrophy.
- (b) Polioprevention.
- (c) Nystagmus.
- (d) Sequelae of head injury
- (e) Atonic bladder.
- (f) Motor neuron disease.
- (g) Facial palsy.
- (h) Claw hand.
- (i) Assessment of muscle power.
- (j) Wrist drop.