

August 2011

[KZ 6264]

Sub. Code : 6264

BACHELOR OF PHYSIOTHERAPY EXAMINATION

FOURTH YEAR / SEVENTH SEMESTER

CLINICAL NEUROLOGY / NEUROLOGY FOR PHYSIOTHERAPISTS

Q.P. Code : 746264

Time : Three hours

Maximum : 100 marks

ANSWER ALL QUESTIONS

I. LONG ESSAYS

(2X20=40)

1. Define Neuro Muscular junction. Discuss in detail about the causes, clinical features, Investigation and Treatment of Myasthenia Gravis.
2. Define TONE. Enumerate the difference between Spasticity and Rigidity. Discuss in detail about the assessment, Investigations Management of Spasticity.

II. SHORT NOTES

(8X5=40)

1. Bell's Palsy.
2. Trigeminal Neuralgia.
3. Theories of PAIN.
4. Subarachnoid Hemorrhage.
5. Tuberculous Meningitis – Sequale.
6. Hydrocephalus.
7. Seddon's Classification.
8. Tumors of Spinal Cord.

III. SHORT ANSWERS

(10X2=20)

1. Beever's Sign.
2. C6 Myotome.
3. Gower Sign.
4. Brocas Aphasia.
5. Cross Hemiplegia.
6. High Stepping Gait.
7. Argyl – Robertson pupil.
8. Ulnar Claw Hand.
9. Amyotrophic Lateral Sclerosis.
10. Athetosis.

[LB 6264]

AUGUST 2012

Sub. Code: 6264

FOURTH YEAR / SEVENTH SEMESTER BPT EXAM

CLINICAL NEUROLOGY / NEUROLOGY

FOR PHYSIOTHERAPISTS

Q.P. Code: 746264

Time: Three Hours

Maximum: 100 marks

(180 Min) Answer ALL questions in the same order.

I. Elaborate on:

Pages Time Marks
(Max.)(Max.)(Max.)

- | | | | |
|---|----|----|----|
| 1. Discuss the bladder control and the various type of Neurology related bladder dysfunction. | 19 | 33 | 20 |
| 2. Classify and discuss on Hydrocephalus. | 19 | 33 | 20 |

II. Write Notes on:

- | | | | |
|------------------------------|---|---|---|
| 1. Ataxic cerebral palsy. | 3 | 8 | 5 |
| 2. Closed Head Injury. | 3 | 8 | 5 |
| 3. Third ventricle of brain. | 3 | 8 | 5 |
| 4. Memory. | 3 | 8 | 5 |
| 5. Grading of Muscle Power. | 3 | 8 | 5 |
| 6. Dorsal roots. | 3 | 8 | 5 |
| 7. Disc Prolapse. | 3 | 8 | 5 |
| 8. Glioma. | 3 | 8 | 5 |

III. Short Answers:

- | | | | |
|--|---|---|---|
| 1. Uppor motor neuron facial weakness. | 1 | 5 | 2 |
| 2. Hemisensory loss. | 1 | 5 | 2 |
| 3. Anosmia. | 1 | 5 | 2 |
| 4. Jaw Jerk. | 1 | 5 | 2 |
| 5. Lacunar Stroke. | 1 | 5 | 2 |
| 6. Dementia. | 1 | 5 | 2 |
| 7. Myotonia. | 1 | 5 | 2 |
| 8. Motor aphasia. | 1 | 5 | 2 |
| 9. Brain stem. | 1 | 5 | 2 |
| 10. Hemianopia. | 1 | 5 | 2 |

[LC 6264]

FEBRUARY 2013

Sub. Code: 6264

FOURTH YEAR / SEVENTH SEMESTER BPT EXAM

CLINICAL NEUROLOGY / NEUROLOGY FOR

PHYSIOTHERAPISTS

Q.P. Code: 746264

**Time: Three Hours
(180 Min)**

Maximum: 100 marks

I. Elaborate on:

(2x20=40)

1. Discuss in detail about Tuberculous infection of central nervous system.
2. Discuss in detail about various types of entrapment Neuropathies.

II. Short Notes :

(8x5=40)

1. Lower motor neuron weakness.
2. Waddling gait.
3. Vertigo.
4. Truncal ataxia.
5. Tone.
6. Posture.
7. Ankle Jerk.
8. Referred pain.
9. Ptosis.
10. Saddle anaesthesia.

III. Short Answers

(10x2=20)

1. Nystagmus.
2. Neurogenic claudication.
3. Biceps Jerk.
4. Monoplegia.
5. Dysarthria.
6. Mid brain.
7. Subdural hematoma.
8. Hyperacusis.
9. Horner's syndrome.
10. Rigidity.

[LD 6264]

AUGUST 2013

Sub. Code: 6264

**FOURTH YEAR/SEVENTH SEMESTER BPT EXAM
CLINICAL NEUROLOGY / NEUROLOGY FOR
PHYSIOTHERAPIST
Q.P. Code : 746264**

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Discuss in detail the etiology, clinical features, investigation and management of Duchenne Muscular Dystrophy
2. Discuss in detail the etiology, clinical features, investigation and management of Spastic Cerebral Palsy

II. Write Notes on:

(8X5=40)

1. ADEM
2. Meningitis
3. Diabetic neuropathy
4. Craniovertebral junction anomalies
5. MND and its management.
6. Thoracic outlet syndrome
7. Define pain and its management
8. Dementia and its management

III. Short Answers:

(10X2=20)

1. Ashworth scale of spasticity
2. What is Syringobulbia?
3. Risk factors for stroke
4. CSF changes in GBS.
5. Drugs used in the management of HIV
6. Clinical signs of Hydrocephalus
7. Deformities seen in CP
8. What is Spinal Muscular Atrophy ?
9. Diagnostic tests in the examination of Peripheral nerve disorder
10. Commonly used therapeutic management of tumors

[LE 6264]

FEBRUARY 2014

Sub. Code: 6264

**FOURTH YEAR/SEVENTH SEMESTER BPT EXAM
CLINICAL NEUROLOGY / NEUROLOGY FOR
PHYSIOTHERAPIST
Q.P. Code : 746264**

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X20=40)

1. Write in detail about causes, types and clinical features of spinal cord injury patient.
2. Explain the causes, clinical features and management of Spina Bifida

II. Write Notes on:

(8X5=40)

1. Communicating Hydrocephalus.
2. Any two secondary complications of Stroke.
3. Athetoid Cerebral Palsy.
4. Hoehn - Yahr classification of disability.
5. Sensory assessment
6. Myeloma.
7. Lumbar Disc Prolapse.
8. Acute Disseminated Encephalomyelitis

III. Short Answers:

(10X2=20)

1. Meryon Sign.
2. Pallidotomy.
3. Gower's sign.
4. CSF Rhinorrhea.
5. Raccoon eyes head injury.
6. Wrist drop deformity.
7. Horner syndrome.
8. Polar brain damage.
9. Grasp Reflex.
10. Flaccid Bladder.

[LF 6264]

AUGUST 2014

Sub. Code: 6264

FOURTH YEAR/SEVENTH SEMESTER BPT EXAM
CLINICAL NEUROLOGY
Q.P. Code : 746264

Time: Three Hours

Maximum: 100 marks

I. Elaborate on: **(2X20=40)**

1. Discuss in detail about types, clinical features and management of Cerebral palsy.
2. Explain the causes, clinical features and management of Hydrocephalus.

II. Write Notes on: **(8X5=40)**

1. Pathophysiology of Parkinson diseases.
2. Myelomeningocele.
3. Speech and language disorders in stroke.
4. Indirect complications of Spinal cord Injury.
5. Dementia.
6. Any two types of muscular dystrophy.
7. Cervical Disc Prolapse.
8. Metastatic Tumour.

III. Short Answer: **(10X2=20)**

1. Lhermitte's Sign.
2. Transient Ischemic Attack.
3. Define multiple sclerosis.
4. Associated Reactions.
5. Heterotopic Ossifications.
6. Claw hand deformity.
7. Straight Leg Raise Test.
8. Muscle Tone.
9. Asymmetric Tonic Neck Reflex.
10. Reflex Bladder.

[LG 6264]

FEBRUARY 2015

Sub. Code: 6264

**FOURTH YEAR/SEVENTH SEMESTER BPT EXAM
CLINICAL NEUROLOGY**

Q.P. Code : 746264

Time: Three hours

Maximum: 100 marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe epilepsy. Classify epilepsy, describe the pathology, pathogenesis clinical features and management of epilepsy.
2. Describe in detail the aetiology, pathogenesis, clinical features and management of Multiple sclerosis.

II. Write notes on:

(8 x 5 = 40)

1. Upper limb tension test
2. Rigidity
3. Involuntary movements
4. Median nerve injury
5. Disorders of gait
6. HIV infection of the brain
7. Brown - Sequard syndrome
8. Syringomyelia

III. Short answers on:

(10 x 2 = 20)

1. Glasgow coma scale
2. Dysmetria
3. Bells phenomenon
4. Claude syndrome
5. Transient Ischemic Attack
6. Dysesthesia
7. Charcot's triad
8. Anterior cord syndrome
9. Jacksonian seizures
10. Battle's sign

[LH 6264]

AUGUST 2015

Sub. Code: 6264

**B.P.T. DEGREE EXAMINATION
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code: 746264

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Describe in detail the aetiology, clinical features, pathology, pathogenesis and management of Parkinson's disease.
2. Classify Muscular dystrophy. Describe in detail the aetiology, clinical features and management of Duchenne Muscular dystrophy.

II. Write notes on:

(8 x 5 = 40)

1. Neurosyphilis.
2. Neurogenic bladder.
3. Blood supply of the brain.
4. Diagnostic criteria for GBS.
5. Diabetic neuropathy.
6. Acute disseminated encephalomyelitis.
7. Spinal Aracnoiditis.
8. Arnold - chiari malformation.

III. Short Answers on:

(10 x 2 = 20)

1. Osserman's classification.
2. Chaddock's sign.
3. Kernig's sign.
4. Apraxia.
5. Cerebellar gait.
6. Ramiste's phenomenon.
7. Inverted radial reflex.
8. Spasticity.
9. Platybasia.
10. Myoclonus.

[LI 6264]

FEBRUARY 2016

Sub. Code: 6264

**FOURTH YEAR BPT EXAMINATION
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code : 746264

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Describe the definition, pathogenesis, pathophysiology, clinical manifestation, laboratory investigation and treatment of Guillan Barre Syndrome.
2. Draw a cross section of the spinal cord. Describe the clinical features of D10 level spinal cord lesion. List the secondary complications that can occur in this patient.

II. Write notes on: (8 x 5 = 40)

1. Cervical disc prolapse.
2. Carpal Tunnel syndrome.
3. Status epilepticus.
4. Festinant gait.
5. Babinski's Sign.
6. CSF in pyogenic meningitis.
7. Ataxia.
8. Arnold - Chiari malformation.

III. Short answers on: (10 x 2 = 20)

1. Gower's sign.
2. Ataxia.
3. Extra ocular muscles of the eye.
4. Anal reflex.
5. Kernig's sign.
6. Rigidity.
7. Ptosis.
8. Motor supply of Median Nerve.
9. Moro's reflex.
10. Grading of muscle power.

[LJ 6264]

AUGUST 2016

Sub. Code: 6264

**FOURTH YEAR BPT EXAMINATION
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code : 746264

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in details the etiology, clinical features, investigations and management of Myasthenia gravis.
2. Discuss in details the etiology, clinical features, investigations and management of Cervical Spondylosis.

II. Write notes on:

(8 x 5 = 40)

1. Complex partial seizures
2. Basilar artery occlusion
3. Sciatica
4. Spinal epidural abscess
5. Vasculitic neuropathy
6. Thyrotoxic periodic paralysis
7. Jacksonian Seizure
8. Thalamic hemorrhage

III. Short answers on:

(10 x 2 = 20)

1. Leriche syndrome
2. Frontal lobe syndrome
3. Foot drop
4. Wernicke's Aphasia
5. Stamping gait
6. Normal pressure hydrocephalus
7. Syringomyelia
8. Cerebral aneurysm
9. Becker type muscular dystrophy
10. Lumbar disc prolapse

[LK 6264]

FEBRUARY 2017

Sub. Code: 6264

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code : 746264

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Describe the causes, clinical features and management of Spina Bifida.
2. Discuss in detail the etiology, clinical features, investigation and management of Duchenne Muscular Dystrophy.

II. Write notes on: **(8 x 5 = 40)**

1. Charcot's joints.
2. Meralgia parasthetica.
3. Bell's Palsy.
4. Waddling gait.
5. Myelomeningocele.
6. Median nerve injury.
7. Glioma.
8. CSF in TB meningitis.

III. Short answers on: **(10 x 2 = 20)**

1. Conus medullaris.
2. Dermatomes of upper limb.
3. Neural pathway of knee jerk.
4. Scissoring gait.
5. Beever's sign.
6. High stepping gait.
7. Horner's syndrome.
8. Risk factors for stroke.
9. Ulnar claw hand.
10. Lower motor neuron lesion.

[LL 6264]

AUGUST 2017

Sub. Code: 6264

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code : 746264

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Discuss in detail about Lateral Medullary Syndrome (Ischemic brainstem stroke).
2. Discuss in detail about Spinal Muscular Atrophy (SMA).

II. Write notes on: **(8 x 5 = 40)**

1. Fronto temporal dementia.
2. Extramedullary cord compression.
3. Gangliocapsular hemorrhage.
4. Ataxia telangiectasia.
5. Autism.
6. Optic neuritis.
7. Waddling gait.
8. Scanning speech.

III. Short answers on: **(10 x 2 = 20)**

1. Blink reflex.
2. Broca's aphasia.
3. IIIrd cranial nerve palsy.
4. Intercostal neuralgia.
5. TICS.
6. Carcinomatous meningitis.
7. Carotid dissection.
8. Central pontine myelinolysis.
9. Chorea gravidarum.
10. Claw foot.

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

[LM 6264]

FEBRUARY 2018

Sub. Code: 6264

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code : 746264

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Define Motor Neuron disease. Discuss in detail about Amyotrophic Lateral Sclerosis (ALS).
2. Discuss in detail about transverse Myelitis.

II. Write notes on: **(8 x 5 = 40)**

1. Diabetic neuropathy.
2. Dysarthria.
3. Hydrocephalus.
4. Cervical whiplash injury.
5. Cauda equina syndrome.
6. Myoclonus.
7. Pons.
8. Facial diplegia.

III. Short answers on: **(10 x 2 = 20)**

1. Hypoglossal nerve.
2. Festinating gait.
3. High altitude (Mountain) sickness.
4. Bradykinesia.
5. Crossed hemiplegia.
6. Post herpetic neuralgia.
7. Sensory ataxia.
8. Spinal arachnoiditis.
9. Internuclear ophthalmoplegia.
10. Epileptic cry.

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

[LN 6264]

AUGUST 2018

Sub. Code: 6264

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code : 746264

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Define Epilepsy and explain in detail about classification, patho physiology, clinical features and management of Epilepsy.
2. Explain in detail about the aetiology, pathology, investigations, clinical features and management of Parkinson's disease.

II. Write notes on: (8 x 5 = 40)

1. Spasticity.
2. Brudzinski's sign.
3. Hydrocephalus.
4. Waddling Gait.
5. Median Nerve Injury.
6. Basal Ganglion.
7. Encephalitis.
8. Pyramidal Tract.

III. Short answers on: (10 x 2 = 20)

1. Beevor's Sign.
2. Chaddock's Sign.
3. Bell's Phenomenon.
4. Battle's Sign.
5. Moro's Reflex.
6. Neuro Transmitter.
7. Composition of CSF.
8. Myasthenic Crisis.
9. Tremor.
10. Becker Muscular dystrophy.

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

[LO 6264]

FEBRUARY 2019

Sub. Code: 6264

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code : 746264

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Discuss in detail about causes, types, patho physiology, clinical features and management of Cerebral palsy.
2. Define Neuro Muscular Junction. Explain in detail about the aetiology, pathology, investigations, clinical features and management Myasthenia Gravis.

II. Write notes on: (8 x 5 = 40)

1. Myelomeningocele.
2. Tumours of Spinal Cord.
3. Bell's Palsy.
4. Patho physiology of Stroke.
5. Syphilitic Myelopathy.
6. Dorsal Roots.
7. Motor Neuron diseases.
8. Polymyositis.

III. Short answers on: (10 x 2 = 20)

1. Lumbar Puncture.
2. Wrist Drop.
3. Grasp Reflex.
4. Anti epileptic drugs.
5. Anal Reflex.
6. Conus Medullaris.
7. Define Transverse myelitis.
8. Saltatory conduction.
9. Hemianopia.
10. Jendrassik maneuver.

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

[LP 6264]

AUGUST 2019

Sub. Code: 6264

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code : 746264

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Discuss in detail about the etiology, clinical features, investigations and management of Duchene muscular dystrophy.
2. Draw a cross section of Spinal Cord. Describe the clinical features of D10 level spinal cord lesion. List the secondary complications.

II. Write notes on: (8 x 5 = 40)

1. Ptosis.
2. Moro Refles.
3. Spincocerebellar Ataxia.
4. Encephalitis.
5. Risk factors for Stroke.
6. Cauda Equina syndrome.
7. Motor neuron diseases.
8. Speech Disorders.

III. Short answers on: (10 x 2 = 20)

1. Festinating Gait.
2. Spasticity.
3. Plantar reflex.
4. Dysarthria.
5. Assessment of Muscle Tone.
6. Deformities of Cerebral palsy.
7. Horner's Syndrome.
8. Peripheral Vertigo.
9. CSF fluid.
10. Bell's palsy.

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

[LQ 6264]

FEBRUARY 2020

Sub. Code: 6264

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code : 746264

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Describe the definition, patho physiology, clinical manifestation and management of Multiple Sclerosis.
2. Explain in detail about the aetiology, types, pathology, investigations, clinical features and management of Traumatic Brain Injury.

II. Write notes on: (8 x 5 = 40)

1. Emery – Dreifuss Muscular Dystrophy.
2. Visual Field Defects.
3. Entrapment Neuropathy.
4. Micturition reflex.
5. Truncal ataxia.
6. Tuberculous meningitis – sequelae.
7. Opisthotonus posture.
8. Seddon's classification.

III. Short answers on: (10 x 2 = 20)

1. Froin's syndrome.
2. Glassgow comas scale.
3. Weber's test.
4. Gag reflex.
5. Spina bifida occulta.
6. Dysmetria.
7. Jacksonian seizures.
8. Taste Sensation.
9. Charcot's triad.
10. Romberg's test.

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

[LR 6264]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 6264

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY
Q.P. Code : 746264**

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Discuss in detail about the etiology, pathogenesis, clinical features, investigations and management of Multiple Sclerosis.
2. Discuss about the Bladder control and various types of neurology related Bladder dysfunction.

II. Write notes on: (8 x 5 = 40)

1. Glioma.
2. Glabellar sign.
3. Myoneural junction.
4. Hoehn-Yahr classification.
5. Arnold Chiari Malformation.
6. Median nerve injury.
7. Pathophysiology of Stroke.
8. Cauda equina syndrome.

III. Short answers on: (10 x 2 = 20)

1. Sensory Ataxia.
2. Brudzinski Sign.
3. Internuclear Ophthalmoplegia.
4. Raimiste's Phenomenon.
5. Platybasia.
6. Deformities of knee anterior poliomyelitis.
7. Raccoon eyes head injury.
8. Gowers sign.
9. Nystagmus.
10. Neurotransmitters.

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

[BPT 0921]

**SEPTEMBER 2021
(FEBRUARY 2021 EXAM SESSION)**

Sub. Code: 6264

**BPT DEGREE EXAMINATION
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY
*Q.P. Code : 746264***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the clinical features of C5-C6 level spinal cord lesion. List the secondary complications that can occur in this patient.
2. Discuss in details the etiology, clinical features, investigations and management of Myasthenia gravis.

II. Write notes on:

(8 x 5 = 40)

1. Involuntary movements.
2. Brown – Sequard syndrome.
3. Diabetic neuropathy.
4. Associated Reactions.
5. Visual pathway.
6. Ulnar Claw Hand.
7. Craniovertebral junction anomalies.
8. Spinal Muscular Atrophy.

III. Short answers on:

(10 x 2 = 20)

1. Beever's Sign.
2. Biceps jerk.
3. Risk factors for stroke.
4. Motor Unit.
5. Grasp Reflex.
6. High Stepping Gait.
7. Frontal lobe syndrome.
8. Sciatica.
9. Spasticity.
10. Fasciculations.

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

[BPT 0122]

**JANUARY 2022
(AUGUST 2021 EXAM SESSION)**

Sub. Code: 6264

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY
Q.P. Code : 746264**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Define Neuro Muscular Junction. Discuss in detail about causes, clinical features, investigation and Treatment of Myasthenia gravis.
2. Define TONE. Enumerate the difference between spasticity and rigidity. Discuss in detail about the assessment, investigation, management of spasticity.

II. Write notes on: (8 x 5 = 40)

1. Beckers muscular dystrophy.
2. Theories of pain.
3. Subarachnoid haemorrhage.
4. Hydrocephalus.
5. Seddons classification.
6. Tumors of spinal cord.
7. Moro's reflex.
8. Composition of CSF.

III. Short answers on: (10 x 2 = 20)

1. Tremors.
2. Anterior spinal artery syndrome.
3. High stepping gait.
4. Name some demyelinating diseases.
5. Kernig's sign.
6. Cerebral diplegia.
7. Gait in Parkinson's disease.
8. Partial seizure.
9. Myasthenia crisis.
10. Superficial reflex.

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

[BPT 0622]

**JUNE 2022
(FEBRUARY 2022 EXAM SESSION)**

Sub. Code: 6264

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR
PAPER I - CLINICAL NEUROLOGY
Q.P. Code : 746264**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Discuss in detail the aetiology, clinical features, investigations and management of Myasthenia gravis.
2. Define Motor Neuron Diseases. Discuss in detail about Amyotrophic lateral sclerosis.

II. Write notes on: (8 x 5 = 40)

1. Types of Stroke.
2. Extramedullary cord compression.
3. Optic neuritis.
4. Cauda equina syndrome.
5. Hydrocephalus.
6. Clinical features of Parkinsons disease.
7. Median nerve injury.
8. Pyramidal tract.

III. Short answers on: (10 x 2 = 20)

1. Neuro transmitters.
2. Ulnar claw hand.
3. Upper motor neuron lesion.
4. Scanning speech.
5. III cranial nerve palsy.
6. Festinating gait.
7. Brudzinski sign.
8. Moro reflex.
9. Trigeminal neuralgia.
10. Lumbar disc prolapse.

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

[BPT 1022]

**OCTOBER 2022
(AUGUST 2022 EXAM SESSION)**

Sub. Code: 6264

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER I - CLINICAL NEUROLOGY

Q.P. Code : 746264

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Enumerate all the Cranial Nerves. Describe in detail the anatomy of the Trigeminal Nerve.
2. Explain the pathogenesis and clinical features of degenerative Cervical Disc Prolapse. How can you manage it by Physiotherapy?

II. Write notes on:

(8 x 5 = 40)

1. Erbs Palsy in Children.
2. Spina bifida occulta.
3. Carpal Tunnel syndrome.
4. Battle's sign in head injury.
5. Neurological complications of Covid-19.
6. Effects of basilar invagination.
7. What is Syringobulbia?
8. Discuss Lhermitte's sign.

III. Short answers on:

(10 x 2 = 20)

1. Strapping in Bell's palsy.
2. Importance of Gag reflex.
3. Hutchinsonian pupils in Head Injury.
4. Features of Apert's Syndrome.
5. Pain in Tennis elbow.
6. Causes of Anosmia.
7. Pathology of Broca's aphasia.
8. Calipers for Cerebral palsy.
9. Muscle power – MRC grading.
10. Scissoring gait disorder.

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

[BPT 0423]

**APRIL 2023
(FEBRUARY 2023 EXAM SESSION)**

Sub. Code: 6264

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR
(Candidates admitted upto the academic year 2016-2017)
PAPER I - CLINICAL NEUROLOGY**

Q.P. Code: 746264

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the course, relation and branches of the Facial Nerve. Add a note on Facial Paralysis.
2. Define epilepsy. Describe in detail the classification, pathogenesis, clinical features, investigation and management of epilepsy.

II. Write notes on:

(8 x 5 = 40)

1. Emery – Dreifuss Muscular Dystrophy.
2. Pyramidal Tract.
3. Micturition reflex.
4. Truncal ataxia.
5. Glioma.
6. Bell's palsy.
7. Tumors of Spinal Cord.
8. Subarachnoid hemorrhage.

III. Short answers on:

(10 x 2 = 20)

1. Pallidotomy.
2. Symmetric Tonic Neck Reflex.
3. Platybasia.
4. Hyperacusis.
5. Subdural hematoma.
6. CSF changes in GBS.
7. Diagnostic tests in the examination of Peripheral nerve disorder.
8. Diabetic neuropathy.
9. Polar brain damage.
10. Claude syndrome.

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

[BPT 1123]

**NOVEMBER 2023
(AUGUST 2023 EXAM SESSION)**

Sub. Code: 6264

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER I - CLINICAL NEUROLOGY

Q.P. Code: 746264

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about various types of entrapment Neuropathies.
2. Define Tone. Enumerate the difference between Spasticity and Rigidity. Discuss in detail about the assessment, Investigations and Management of Spasticity.

II. Write notes on:

(8 x 5 = 40)

1. Wind swipe deformity.
2. Median nerve injury.
3. Modified ashworth scale.
4. Sensory assessment.
5. Features of Spastic Diplegia.
6. Petit mal Epilepsy.
7. Hydrocephalus.
8. Dandy-walker syndrome.

III. Short answers on:

(10 x 2 = 20)

1. Neuron.
2. Dermatomyositis.
3. Limbic lobe.
4. Tensilon test.
5. Bulbar polio.
6. Aphasia.
7. Diplopia.
8. Types of muscular dystrophies.
9. Dysarthria.
10. Charcot's joint.

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

[BPT 0824]

AUGUST 2024

Sub. Code: 6264

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER I - CLINICAL NEUROLOGY

Q.P. Code: 746264

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail the stages, clinical features and management of head injury.
2. Define Stroke. Explain types, diagnosis, prevention and management of Stroke.

II. Write notes on:

(8 x 5 = 40)

1. Circle of Willis.
2. Grading of muscle power.
3. Myasthenia gravis.
4. Broca's aphasia.
5. Transverse myelitis.
6. Myotomes.
7. Neurogenic bladder.
8. Syringomyelia.

III. Short answers on:

(10 x 2 = 20)

1. Claw hand.
2. Myeloma.
3. Tremor.
4. Encephalitis.
5. Spasticity.
6. Gag reflex.
7. Tinnitus.
8. Oligodendroglioma.
9. Bradykinesia.
10. Neuralgic amyotrophy.

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

[BPT 0225]

FEBRUARY 2025

Sub. Code: 6264

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR**

(Candidates admitted upto the academic year 2016-2017)

PAPER I - CLINICAL NEUROLOGY

Q.P. Code: 746264

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Epilepsy. Explain in detail the classification, pathogenesis, clinical features, investigation and treatment of epilepsy.
2. What is Meningitis? Discuss the causes, clinical features, complication and treatment of Tuberculous Meningitis.

II. Write notes on:

(8 x 5 = 40)

1. Transverse Myelitis.
2. Hemiplegia.
3. Bell's palsy.
4. Saddle anaesthesia.
5. Craniovertebral junction anomalies.
6. Management of stroke.
7. Involuntary movement.
8. Syringomyelia.

III. Short answers on:

(10 x 2 = 20)

1. Dysarthria.
2. Charcot triad.
3. Kernig's sign.
4. Myoclonus.
5. Spasticity.
6. Ptosis.
7. Intentional tremor.
8. Cerebral aneurysm.
9. Sciatica.
10. Scissoring gait.
