

[LJ 6179]

AUGUST 2016

Sub. Code: 6179

SECOND YEAR BOT EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
PAPER V – CLINICAL NEUROLOGY

Q.P. Code: 786179

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Cortical venous sinus thrombosis – clinical manifestations and its management.
2. Guillain-Barre syndrome - clinical manifestations and its management.

II. Write notes on:

(8 x 5 = 40)

1. Duchenne muscular dystrophy.
2. Normal pressure Hydrocephalus.
3. Signs and symptoms of cerebellar dysfunction.
4. Low back pain.
5. Types of aphasia and its clinical features.
6. Tuberculous Meningitis.
7. Amyotrophic lateral sclerosis.
8. Syringomyelia.

III. Short answers on:

(10 x 2 = 20)

1. Ataxia.
2. Babinski sign.
3. Lhermitte's sign.
4. Chorea.
5. Cog wheel rigidity.
6. Tremors.
7. Fasciculations.
8. Phantom pain.
9. Meralgia paresthetica.
10. Hemifascial spasm.

[LK 6179]

FEBRUARY 2017

Sub. Code: 6179

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER V – CLINICAL NEUROLOGY

Q.P. Code: 786179

Time: Three hours

Maximum: 100 Marks

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

1. Define Stroke. Write in detail about the clinical findings in acute ischemic stroke and its management.
2. What is Myasthenia Gravis? Discuss in detail regarding clinical presentation and etiology of Myasthenia Gravis.

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

1. Romberg sign and its clinical implications.
2. Spina Bifida.
3. Clinical features, etiology of sub acute combined degeneration.
4. Define epilepsy and write short notes on clinical manifestations of epilepsy.
5. Clinical features of Parkinson's disease.
6. Neurofibromatosis.
7. Myopathy.
8. Thoracic outlet syndrome.

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

1. Spasticity.
2. Trigeminal neuralgia.
3. Circumduction gait.
4. Gower's sign.
5. Absence seizures.
6. Bell's palsy.
7. Carpal tunnel syndrome.
8. Horner's syndrome.
9. Diabetic peripheral neuropathy.
10. Third cranial nerve palsy.

[LL 6179]

AUGUST 2017

Sub. Code: 6179

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER V – CLINICAL NEUROLOGY

Q.P. Code: 786179

Time: Three hours

Maximum: 100 Marks

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

1. Define Epilepsy, classification, pathophysiology and management.
2. Parkinson's disease, aetiology, clinical feature and managements.

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

1. Cerebral Palsy.
2. Syringomyelia.
3. Guillain-Barre Syndrome.
4. Poliomyelitis.
5. Peripheral Neuropathy.
6. Myasthenia Gravis.
7. Treatment for TB Spine.
8. Lower Motor Neuron Diseases.

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

1. Two Bladder disorder.
2. Draw circle of Willis.
3. Clinical feature of viral Meningitis.
4. Bell's Palsy.
5. Clonus.
6. Two intra cranial tumours.
7. Foot drop.
8. Clinical features of Dementia.
9. Clinical features of multiple sclerosis.
10. Management of spinal cord injuries.

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

[LM 6179]

FEBRUARY 2018

Sub. Code: 6179

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER V – CLINICAL NEUROLOGY

Q.P. Code: 786179

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Cerebrovascular accidents-causes, clinical features and management.
2. Spinothalamic pathway and its functions.

II. Write notes on:

(8 x 5 = 40)

1. TB. Meningitis-CSF findings.
2. Basal ganglion and its function.
3. Erb's palsy.
4. Carpal tunnel syndrome.
5. Foot drop.
6. Urinary bladder innervation.
7. Sciatica.
8. Babinski sign.

III. Short answers on:

(10 x 2 = 20)

1. Bells palsy.
2. Optic nerve examination.
3. Guillain Barea syndrome.
4. Vestibular nerve function.
5. Types of Gaits.
6. Frontal lobe function.
7. Rinne Test.
8. E.E.G.
9. Syncope.
10. Neck stiffness.

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

[LN 6179]

AUGUST 2018

Sub. Code: 6179

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER V – CLINICAL NEUROLOGY

Q.P. Code: 786179

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Classify Cerebral Palsy. Give an account of the aetiology, clinical features and management.
2. Discuss the causes, clinical features, differential diagnosis and management of Bell's Palsy.

II. Write notes on:

(8 x 5 = 40)

1. Physiology of muscle contraction and movements.
2. Neurogenic Bladder.
3. Clinical features and management of Poliomyelitis.
4. Circle of Willis.
5. Dementia.
6. Jacksonian seizure.
7. Management of Syringomyelia.
8. Anatomy and Assessment of Seventh Cranial Nerve.

III. Short answers on:

(10 x 2 = 20)

1. Plantar reflex.
2. Coverings of brain.
3. Meningioma.
4. Spasticity.
5. Gower's Sign.
6. Apraxia.
7. Pupillary Reflex.
8. Muscle Power Grading.
9. Intention Tremors.
10. Brachial Plexus.

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

[LO 6179]

FEBRUARY 2019

Sub. Code: 6179

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER V – CLINICAL NEUROLOGY

Q.P. Code: 786179

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the clinical presentation and first aid management for head injury .Add a note on management of Sequelae of head injury patient.
2. Describe in detail about the clinical features and management of cervical spondylitis.

II. Write notes on:

(8 x 5 = 40)

1. Cerebro Spinal Fluid (CSF).
2. Automatic Bladder.
3. Guillain Barre Syndrome.
4. Diabetic Neuropathy.
5. Management of Duchenne Muscular Dystrophy.
6. Post Polio Syndrome.
7. Pain gate theory.
8. Management of hydrocephalus.

III. Short answers on:

(10 x 2 = 20)

1. Ataxic Gait.
2. Rombergs Sign.
3. Brocas Area.
4. Rigidity.
5. Knuckle bender splint.
6. Muscle cramp.
7. Frontal lobe syndrome.
8. Transient Ischemic Attack.
9. Memory.
10. Bells Phenomenon.

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

[LP 6179]

AUGUST 2019

Sub. Code: 6179

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER V – CLINICAL NEUROLOGY

Q.P. Code: 786179

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss Intracranial Haemorrhage, with reference to etiology, location of bleeding, clinical manifestations and complications.
2. Discuss clinical manifestations, pathophysiology and treatment of various types of Dementia.

II. Write notes on:

(8 x 5 = 40)

1. Basilar invagination.
2. Herpes simplex encephalitis.
3. Foot drop.
4. Duchenne's muscular dystrophy.
5. Spinothalamic tract.
6. Sensory ataxia.
7. Parkinsonian gait.
8. Complex partial Seizures.

III. Short answers on:

(10 x 2 = 20)

1. Middle cerebral artery.
2. Fifth cranial nerve.
3. Spasticity.
4. Define amnesia.
5. Glioma.
6. Knee jerk.
7. White matter of brain.
8. Tension types headache.
9. Mycobacterium tuberculosis.
10. Functions of temporal lobe.

[LQ 6179]

FEBRUARY 2020

Sub. Code: 6179

BOT DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2014-2015 onwards)
SECOND YEAR
PAPER V – CLINICAL NEUROLOGY

Q.P. Code: 786179

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the classification and detailed rehabilitative programmes for the Cerebro Vascular accidents.
2. Describe in detail about the clinical features and management of Motor Neuron Disease.

II. Write notes on:

(8 x 5 = 40)

1. Thoracic outlet syndrome.
2. Function of cerebellum.
3. Management of Parkinson Disease.
4. Gower's Sign.
5. Spinal Arachnoiditis.
6. Dystonia.
7. Complications and management of bacterial meningitis.
8. Erb's Palsy.

III. Short answers on:

(10 x 2 = 20)

1. Neuromuscular junction.
2. Festinant Gait.
3. Hypotonia.
4. Glasgow coma scale.
5. Agnosia.
6. Define muscle power.
7. Kernig's sign.
8. Ptosis.
9. Motor supply of median nerve.
10. Antiepileptic drugs.

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

[LR 1220]

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

Sub. Code: 6179

**BOT DEGREE EXAMINATION
SECOND YEAR
(New regulations for the candidates admitted from 2014-2015 onwards)
PAPER V – CLINICAL NEUROLOGY
Q.P. Code: 786179**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the etiology, manifestation and types of Cerebral Palsy.
2. What are the clinical manifestations of Parkinson's disease? Discuss the pathophysiology and treatment.

II. Write notes on:

(8 x 5 = 40)

1. Syringomyelia.
2. Poliomyelitis.
3. Carpal Tunnel syndrome.
4. Myasthenia gravis.
5. Proprioception.
6. Cerebellar ataxia.
7. Spastic gait.
8. Absence Epilepsy.

III. Short answers on:

(10 x 2 = 20)

1. Basilar artery.
2. Seventh cranial nerve.
3. Festinating Gait.
4. Define aphasia.
5. Meningioma.
6. Gower sign.
7. Define seizure.
8. Migraine.
9. Mycobacterium leprae.
10. Functions of Occipital lobe.

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

[BOT 0921]

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

Sub. Code: 6179

**BOT DEGREE EXAMINATION
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER V – CLINICAL NEUROLOGY
*Q.P. Code : 786179***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss clinical manifestations, pathophysiology, management of left middle Cerebral artery territory Ischemic stroke.
2. Discuss clinical manifestations, pathophysiology and management of multiple sclerosis.

II. Write notes on:

(8 x 5 = 40)

1. Atlanto – axial dislocation.
2. Varicella Zoster virus and Herpes Zoster.
3. Wrist drop.
4. Dystrophinopathy.
5. Pyramidal tract.
6. Wilson's disease.
7. Festinating gait.
8. Generalized seizures.

III. Short answers on:

(10 x 2 = 20)

1. Posterior cerebral artery.
2. Eighth cranial nerve.
3. Cog wheel rigidity.
4. Define Anomia.
5. Arachnoiditis.
6. Ankle clonus.
7. Corpus callosum.
8. Vertigo.
9. Define encephalitis.
10. Functions of parietal lobe.

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

[BOT 0122]

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

Sub. Code: 6179

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER V – CLINICAL NEUROLOGY
*Q.P. Code : 786179***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Cerebrovascular accidents-causes, clinical features and management.
2. What is Myasthenia Gravis? Discuss in detail regarding clinical presentation and etiology of Myasthenia Gravis.

II. Write notes on:

(8 x 5 = 40)

1. Spina Bifida.
2. Amyotrophic lateral sclerosis.
3. Basal ganglion and it's function.
4. Guillain- Barre syndrome.
5. Circle of wills.
6. Third cranial nerve palsy.
7. Degenerative disorders.
8. Sciatica.

III. Short answers on:

(10 x 2 = 20)

1. Dysdiadochokinesia.
2. Ulnar neuropathy.
3. Neurogenic Bladder.
4. Bell's palsy.
5. Facial nerve.
6. Cog wheel rigidity.
7. Gower's sign.
8. Frontal lobe.
9. Brachial plexus.
10. Wrist drop.

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

[BOT 0622]

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

Sub. Code: 6179

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER V – CLINICAL NEUROLOGY
*Q.P. Code : 786179***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Stroke. Types of stroke and management of Acute ischemic stroke.
2. Myasthenia Gravis – pathophysiology, investigations and treatment.

II. Write notes on:

(8 x 5 = 40)

1. High stepping gait.
2. Cortico spinal tract.
3. MRC classification of power.
4. Trigeminal neuralgia.
5. Glasgow Coma scale.
6. Aphasia – definition and types.
7. Bell's palsy.
8. Tarsal tunnel syndrome.

III. Short answers on:

(10 x 2 = 20)

1. Function of 8th cranial nerve.
2. Meningomyelocoele.
3. Neurological manifestations of COVID 19.
4. Uses of Cerebro Spinal Fluid analysis.
5. EEG.
6. Layers of Meninges.
7. Alzheimer's disease.
8. Draw Spinal cord cross section.
9. Tinel's sign.
10. Duchene muscular dystrophy.

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

[BOT 0423]

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

Sub. Code: 6179

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER V – CLINICAL NEUROLOGY**

Q.P. Code: 786179

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Characteristic features of Motor Neuron Disease. How can you manage a case of MND?
2. Causes and types of Seizures. How will you investigate and manage a case of Seizure disorder?

II. Write notes on:

(8 x 5 = 40)

1. Signs and Symptoms of Meningitis.
2. Status Epilepticus.
3. Guillain Barre Syndrome.
4. Parkinson's gait.
5. Draw Circle of Willis and label the parts.
6. Vertigo and rehabilitation exercises.
7. Dementia.
8. Glioblastoma.

III. Short answers on:

(10 x 2 = 20)

1. Expand **F A S T** in Stroke.
2. Functions of Temporal lobe.
3. COVID in Neurology.
4. Trigeminal neuralgia.
5. Myasthenic crisis.
6. Tremors and types.
7. Ulnar claw hand.
8. Difference between spasticity and rigidity.
9. Fasciculations.
10. Enumerate the cranial nerves involved in ocular movements.

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

[BOT 1123]

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

Sub. Code: 6179

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER V – CLINICAL NEUROLOGY**

Q.P. Code: 786179

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Clinical features, rising incidence, pathophysiology, investigation and treatment of multiple sclerosis in Indian subcontinent.
2. Clinical features, causes, complications, and treatment of basilar artery occlusion.

II. Write notes on:

(8 x 5 = 40)

1. Hydrocephalus.
2. Complications of tubercular meningitis.
3. Acute Vestibulitis.
4. Nodes of Ranvier.
5. Conus medullaris.
6. Syringomyelia.
7. Central cord syndrome.
8. Foot drop.

III. Short answers on:

(10 x 2 = 20)

1. Pia mater.
2. Apraxia.
3. Cauda equine.
4. Atlantoaxial dislocation.
5. Fourth cranial nerve.
6. Papez circuit.
7. Vertigo.
8. Erb's palsy.
9. Romberg sign.
10. Deep tendon jerk.

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

[BOT 0824]

AUGUST 2024

Sub. Code: 6179

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER V – CLINICAL NEUROLOGY**

Q.P. Code: 786179

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about the signs, symptoms and management of Duchenne Muscular Dystrophy.
2. Discuss in detail the etiology, pathology, clinical features and management of Anterior Poliomyelitis.

II. Write notes on:

(8 x 5 = 40)

1. Types of Rigidity.
2. Complications and management of cerebral aneurysms.
3. Pressure sore.
4. Total claw hand.
5. Tenth Cranial nerve.
6. Cerebrospinal fluid.
7. Lower motor neuron diseases.
8. Parkinson's gait.

III. Short answers on:

(10 x 2 = 20)

1. Dysmetria.
2. Graphesthesia.
3. Define Pain and its types.
4. Reflex Arc.
5. Conduction aphasia.
6. Intention tremor.
7. Motor unit.
8. Somnambulism.
9. Syncope.
10. Diplegia.

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

[BOT 0225]

FEBRUARY 2025

Sub. Code: 6179

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Regulations for the candidates admitted from 2014-2015 to 2021-2022)
PAPER V – CLINICAL NEUROLOGY**

Q.P. Code: 786179

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the etiology, clinical features and management of Peripheral nerve disorders.
2. Spinothalamic pathway and its functions.

II. Write notes on:

(8 x 5 = 40)

1. Pseudobulbar Palsy.
2. Myopathy.
3. Cerebral palsy.
4. Tuberculous Meningitis.
5. Types of Aphasia and its clinical features.
6. Hydrocephalus.
7. Myoclonus.
8. Autonomic Bladder.

III. Short answers on:

(10 x 2 = 20)

1. Dysarthria.
2. List out the Cranial nerves.
3. Claw hand.
4. Post polio syndrome.
5. Writer's cramp.
6. Lead pipe rigidity.
7. Muscle tone.
8. Muscle contraction and its types.
9. Diplopia.
10. Muscle fasciculation.

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

[BOT 0825]

AUGUST 2025

Sub. Code: 6179

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
SECOND YEAR - (Candidates admitted from the academic year 2014-2015 to 2021-2022)
PAPER V – CLINICAL NEUROLOGY**

Q.P. Code: 786179

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write an essay on the examination of cranial nerves.
2. How will you classify Cerebral Palsy? Write elaborately on the management of Cerebral Palsy.

II. Write notes on:

(8 x 5 = 40)

1. Draw the Circle of Willis.
2. Absence seizures.
3. Myasthenic crisis.
4. Types of gait.
5. Migraine.
6. MRC grading of power.
7. Alzheimer's Dementia.
8. Traumatic brain injury.

III. Short answers on:

(10 x 2 = 20)

1. What is embolic stroke?
2. Function of occipital lobe.
3. Babinski sign.
4. Carpal tunnel syndrome.
5. Chorea and its causes.
6. Parkinson's gait.
7. Erb's Palsy.
8. Difference between UMN and LMN.
9. Any two Neuro degenerative disorders.
10. Define syncope.
