

[KW 429]

MARCH 2010

Sub. Code: 2335

**M.Sc. (NURSING) DEGREE EXAMINATION
SECOND YEAR**

(Regulations for candidates admitted from 2008-2009 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER III – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 75 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Mr. Sham, 30 yrs old met with an accident and was admitted in emergency department with diagnosis of head injury.
 - a) Write immediate neurological assessment of Mr. Sham.
 - b) Discuss the medical and nursing management of Mr. Sham for first 8 hours.
2. a) Explain in detail types of aphasia.
 - b) Discuss the medical and nursing management of this patient including rehabilitation.

II. Write notes on:

(7 x 5 = 35)

1. Space occupying lesions.
2. Spina bifida.
3. Neurogenic bladder.
4. Ataxia.
5. Hydrocephalus.
6. Epilepsy.
7. Down's syndrome.
8. Brain death and organ transplantation - ethical and legal issues.

[KX 429]

SEPTEMBER 2010

Sub. Code: 2335

**M.Sc. (NURSING) DEGREE EXAMINATION
SECOND YEAR**

(Regulations for candidates admitted from 2008-2009 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER III – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 75 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. a) Identify five nursing diagnoses and write the nursing care plan for a patient with acute spinal cord injury.
b) Develop nursing care plan for a patient with Parkinson's disease.
2. a) Explain the etio-pathogenesis of meningitis.
b) Discuss the collaborative management of a patient with meningitis.

II. Write notes on:

(7 x 5 = 35)

1. Brain Death.
2. Neuro Rehabilitation.
3. Health education plan for a patient with epilepsy.
4. Nursing care of an unconscious patient.
5. Emerging trends in Neurosurgery.
6. Quality assurance in neuro nursing practice.
7. Cerebro spinal fluid analysis.

[KY 429]

MAY 2011

Sub. Code: 2335

**M.Sc. (NURSING) DEGREE EXAMINATION
SECOND YEAR**

(Regulations for candidates admitted from 2008-2009 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER III – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 20 = 40)

1. Mr. X admitted and diagnosed as Gillian Bare Syndrome. Write the causes, signs and symptoms, pathophysiology, medical and nursing management of Mr. X.
2. Mr. Y admitted with the complaints of loss of consciousness.
 - a) Write the possible diagnoses of Mr. Y.
 - b) Types and causes of head injury.
 - c) Write the nursing management based on nursing process.
 - d) Medical management of Mr. Y.

II. Write notes on:

(10 x 6 = 60)

1. Electro encephalography.
2. CNS tumours.
3. Quality assurance in neurological nursing practice.
4. Dementia.
5. Meningitis.
6. Menier's Syndrome.
7. Ethical and legal issues in brain death and organ transplantation.
8. Rehabilitation of patients with stroke.
9. Name the cranial nerves and explain facial palsy.
10. Migraine.

**M.Sc. (NURSING) DEGREE EXAMINATION
SECOND YEAR**

(Regulations for candidates admitted from 2008-2009 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER III – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss the nursing care plan of a client suffering with traumatic brain injury followed by RTA.	15	40 min.	20
2. a) List down any six developmental disorders related to CNS.	15	40 min.	20
b) Write down the pathophysiology Hydrocephalus with its nursing care plan.			

II. Write notes on :

1. Risk factors related to neurological disorders.	3	10 min.	6
2. Nurses role in neurological diagnostic tests.	3	10 min.	6
3. Poliomyelitis.	3	10 min.	6
4. Unconsciousness.	3	10 min.	6
5. Down's syndrome.	3	10 min.	6
6. Carpel Tunnel Syndrome.	3	10 min.	6
7. Euthanasia.	3	10 min.	6
8. Cushing's triad.	3	10 min.	6
9. Magnetic Resonance Imaging.	3	10 min.	6
10. Pharmacological management of Parkinson's disease.	3	10 min.	6

**M.Sc. (NURSING) DEGREE EXAMINATION
SECOND YEAR**

(Regulations for candidates admitted from 2008-2009 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER III – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

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

- | | | | |
|--|----|---------|----|
| 1. a) Discuss the nursing management of a patient with unconsciousness. | 17 | 40 min. | 20 |
| b) Types of space occupying lesions (SOLS) and its management. | | | |
| 2. a) Nursing management of patients with spiral cord injuries | 17 | 40 min. | 20 |
| b) Explain the surgical and nursing management of children with hydrocephalus. | | | |

II. Write Short notes on:

- | | | | |
|---|---|---------|---|
| 1. Glasgow coma scale. | 4 | 10 min. | 6 |
| 2. Metabolic changes following injury and starvation. | 4 | 10 min. | 6 |
| 3. Classification of seizures and its medical management. | 4 | 10 min. | 6 |
| 4. Euthanasia. | 4 | 10 min. | 6 |
| 5. Types of Head injuries. | 4 | 10 min. | 6 |
| 6. Clinical features of increased intracranial pressure. | 4 | 10 min. | 6 |
| 7. Diabetes Insipidus. | 4 | 10 min. | 6 |
| 8. Pharmacological management of Parkinson's disease. | 4 | 10 min. | 6 |
| 9. Syncope. | 4 | 10 min. | 6 |
| 10. Menier's Syndrome. | 4 | 10 min. | 6 |

**M.Sc. (NURSING) DEGREE EXAMINATION
SECOND YEAR**

(Regulations for candidates admitted from 2008-2009 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER III – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

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

- | | | | |
|---|----|---------|----|
| 1. a) Explain the etio-pathogenesis of Stroke. | 17 | 40 min. | 20 |
| b) Identify five nursing diagnosis and write nursing care plan for a patient with stroke. | | | |
| 2. a) Develop nursing care plan for a patient with Metabolic Encephalopathy. | 17 | 40 min. | 20 |
| b) Write nursing care plan for a patient undergoing a Cervical discectomy. | | | |

II. Write notes on :

- | | | | |
|---|---|---------|---|
| 1. Collaborative management of a patient. | 4 | 10 min. | 6 |
| 2. Care of a patient with Quadriplegia. | 4 | 10 min. | 6 |
| 3. Prevention of potential complications of cerebral aneurysm. | 4 | 10 min. | 6 |
| 4. Nursing implications in administering antiepileptic medications. | 4 | 10 min. | 6 |
| 5. Care of patient with cranial nerve disorder. | 4 | 10 min. | 6 |
| 6. Measures to control Intra cranial pressure. | 4 | 10 min. | 6 |
| 7. Types of head injuries. | 4 | 10 min. | 6 |
| 8. Transient Ischemic Attacks. | 4 | 10 min. | 6 |
| 9. Subarachnoid haemorrhage. | 4 | 10 min. | 6 |
| 10. Hydrocephalus. | 4 | 10 min. | 6 |

**M.Sc. (NURSING) DEGREE EXAMINATION
SECOND YEAR**

(Regulations for candidates admitted from 2011-2012 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER II – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 100 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. a) Medical and nursing management of cerebro vascular accident.
b) Write down the pathophysiology of facial palsy and its nursing care plan.
2. a) Define epilepsy. Explain types, stages of epilepsy and Describe the immediate management of epilepsy.
b) Explain the quality control in neurological nursing practice.

II. Write notes on:

(10 x 6 = 60)

1. Dementia.
2. Encephalitis.
3. EEG.
4. Anti convulsive drugs.
5. Carpal tunnel syndrome.
6. Space occupying lesions.
7. Ethical issues related to neuro nursing.
8. Myasthenia gravis.
9. Neuro syphilis.
10. Glasco coma scale.

[LD 429]

OCTOBER 2013

Sub. Code: 2335

M.Sc. (NURSING) DEGREE EXAMINATION

SECOND YEAR

(Regulations for candidates admitted from 2011-2012 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER II – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 100 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. a) Discuss the mechanisms and pathological changes in spinal cord injury.
b) Explain the management of a patient with paraplegia including rehabilitation.
2. a) Define and describe the types of brain tumour.
b) Discuss the management of a patient with brain tumour.

II. Write notes on:

(10 x 6 = 60)

1. Nerve conduction studies.
2. Chronic fatigue syndrome.
3. Unconsciousness.
4. Subarachnoid hemorrhage.
5. Facial palsy.
6. Multiple sclerosis.
7. Neurosyphilis.
8. Meniere's disease.
9. Diabetes insipidus.
10. Quality control in neurological nursing.

**M.Sc. (NURSING) DEGREE EXAMINATION
SECOND YEAR**

(Regulations for candidates admitted from 2011-2012 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER II – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 75 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. a) Explain the types of stroke.
b) Describe the etiopathogenesis of ischemic stroke.
c) Draw a nursing care plan for a patient with ischemic stroke.
2. a) Describe the pathophysiology of a patient with myasthenia gravis.
b) Explain the clinical manifestations of myasthenia gravis.
c) Enumerate the rehabilitation of a patient with myasthenia gravis.

II. Write notes on:

(7 x 5 = 35)

1. Metabolic encephalopathy.
2. Emergency management of spinal cord injury.
3. Brain tumors.
4. Herniation of a lumbar disc.
5. Quality control in neurological nursing.
6. Relevance of Health promotion and disease prevention in neurological conditions.
7. Epidural hematoma.

[LF 429]

OCTOBER 2014

Sub. Code: 2335

M.Sc. (NURSING) DEGREE EXAMINATION

SECOND YEAR

(Regulations for candidates admitted from 2011-2012 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER II – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 75 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. a) Explain the types of brain injury.
b) Describe the emergency management of traumatic brain injury.
c) Draw a nursing care plan for patient with traumatic brain injury.
2. a) Critically analyse the ethical and legal issues in neuro science nursing.
b) Discuss the role of advance nurse practitioner in neurological nursing.

II. Write notes on:

(7 x 5 = 35)

1. Multiple sclerosis.
2. Rehabilitation of patient with Parkinson's disease.
3. Unconsciousness.
4. Cerebral aneurysm.
5. Evidence based nursing and its application in neuroscience nursing.
6. Cerebro spinal fluid analysis.
7. Post operative nursing management of patient with craniotomy.

M.Sc. (NURSING) DEGREE EXAMINATION

SECOND YEAR

(Regulations for candidates admitted from 2011-2012 Session onwards)

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

PAPER II – CLINICAL SPECIALITY – II

Q.P. Code: 302335

Time: Three Hours

Maximum: 75 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. Mr. Kannan, aged 40 years is admitted in the emergency ward with a history of fall from a height and is diagnosed to have a spinal cord injury.
 - a) Describe the pathophysiology of a spinal cord injury.
 - b) Discuss the clinical manifestations of a spinal cord injury.
 - c) Draw the nursing care plan for Mr. Kannan with paraplegia.
2.
 - a) Explain the types of encephalitis.
 - b) Enumerate the nursing assessment and diagnostic findings of encephalitis.
 - c) Discuss the collaborative management of a patient with encephalitis.

II. Write notes on:

(7 x 5 = 35)

1. Guillain-Barre syndrome.
2. Bell's palsy.
3. Down's syndrome.
4. Parkinson's disease.
5. Risk factors associated with neurological conditions.
6. Ethical and Legal issues in euthanasia and organ transplantation.
7. Rehabilitation of a patient following stroke.

[LH 429]

OCTOBER 2015

Sub. Code: 2335

M.Sc., (NURSING) DEGREE EXAMINATION

SECOND YEAR

(Regulations for candidates admitted from 2011-2012 Sessions onwards)

PAPER II – CLINICAL SPECIALITY - II

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

Q.P. Code: 302335

Time: Three Hours

Maximum: 75 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. a) Discuss the nursing management of patient with unconsciousness.
b) Define epilepsy. Explain types, stages and management of epilepsy.
2. a) Describe the types of Space Occupying Lesions (SOLs) and its management.
b) Discuss the medical and nursing management of Cerebro Vascular Accident (CVA).

II. Write notes on:

(7 x 5 = 35)

1. Ethical issues related to neuro nursing.
2. Cerebral angiography.
3. Increased intra Cranial Pressure.
4. Meningitis.
5. Syncope.
6. Sleep disorders.
7. Quality control in neurological nursing.

[LI 429]

APRIL 2016

Sub. Code: 2335

**M.Sc., (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)
SECOND YEAR
PAPER II – CLINICAL SPECIALITY II
BRANCH I – MEDICAL SURGICAL NURSING
04 – NEUROSCIENCES NURSING**

Q.P. Code: 302335

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Mrs. 'X' admitted and diagnosed as Guillain Barre Syndrome.
 - a) Write the causes, clinical manifestations, pathophysiology of Guillain Barre Syndrome.
 - b) Write the medical and nursing management of Mrs. 'X'.
2.
 - a) Explain the etiology, pathophysiology and clinical manifestations of Meningitis.
 - b) Identify five nursing diagnoses and write the nursing care plan for a patient with Meningitis.

II. Write notes on:

(7 x 5 = 35)

1. Plan and develop physical layout of Neuro IW.
2. Subarachnoid Haemorrhage.
3. Neuro syphilis.
4. Brain death and organ transplantation.
5. Myasthenia gravis.
6. States of impaired consciousness.
7. Emerging trends in Neurosurgery.

[LJ 429]

OCTOBER 2016

Sub. Code: 2335

M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)
SECOND YEAR
PAPER II – CLINICAL SPECIALITY – II
BRANCH I – MEDICAL SURGICAL NURSING
04 – NEUROSCIENCES NURSING

Q.P. Code: 302335

Time : Three hours

Maximum : 75 Marks

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

1. Mr. Francis admitted and diagnosed as brain tumour.
 - a) Enlist the causes, clinical features and the pathophysiology of brain tumour.
 - b) Explain in detail the surgical and nursing management for Mr. Francis.
2. Discuss the etiology, pathophysiology and clinical manifestations of Alzheimer's disease. Draw a nursing care plan for a patient with Alzheimer's disease.

II. Write notes on: **(7 x 5 = 35)**

1. Increased intra cranial tension.
2. Facial palsy.
3. Neurological assessment.
4. Brain abscess.
5. Cranial tapping.
6. Unconsciousness.
7. Neurological rehabilitation.

[LL 429]

OCTOBER 2017

Sub. Code: 2335

**M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)
SECOND YEAR
PAPER II – CLINICAL SPECIALITY – II
BRANCH I – MEDICAL SURGICAL NURSING
04 – NEUROSCIENCES NURSING**

Q.P. Code: 302335

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Mr. Ram 50 years old, admitted in hospital in unconscious stage.
 - a) Write the causes for unconsciousness.
 - b) Describe the assessment of an unconscious patient.
 - c) Explain in detail about the management for unconscious patient.
2.
 - a) Define Parkinson's disease.
 - b) Describe the pathophysiology, clinical manifestations and diagnostic evaluation in Parkinson's disease.
 - c) Explain about the management for patients with Parkinson's disease.

II. Write notes on:

(7 x 5 = 35)

1. Evidence based nursing in neurological and neurosurgical nursing.
2. Intra-cranial pressure.
3. Cerebral palsy.
4. Alzheimer's disease.
5. Chronic fatigue syndrome.
6. Poliomyelitis.
7. Peripheral neuropathy.

[LM 429]

MAY 2018

Sub. Code: 2335

M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)
SECOND YEAR
PAPER II – CLINICAL SPECIALITY – II
BRANCH I – MEDICAL SURGICAL NURSING
04 – NEUROSCIENCES NURSING

Q.P. Code: 302335

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Mr. Sekar 70 years old, admitted in hospital and diagnosed as cerebrovascular accident.
 - a) Write the types and causes of cerebrovascular accident.
 - b) Describe the pathophysiology and clinical manifestations of cerebrovascular accident.
 - c) Explain in detail about the management for cerebrovascular accident.
2.
 - a) Write the types and causes of head injury.
 - b) Write the mechanism of head injury.
 - c) Describe neurological assessment in head injury.
 - d) Explain in detail about the management for patients with head injury.

II. Write notes on:

(7 x 5 = 35)

1. Cerebral aneurysm.
2. Concepts and principles of rehabilitation.
3. Status epilepticus.
4. Chorea.
5. Communication in case of impairment.
6. Electro-encephalogram.
7. Encephalitis.

[LN 429]

OCTOBER 2018

Sub. Code: 2335

**M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)**

SECOND YEAR

**PAPER II – CLINICAL SPECIALITY – II
BRANCH I – MEDICAL SURGICAL NURSING
04 – NEUROSCIENCES NURSING**

Q.P. Code: 302335

Time : Three Hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Explain the types of stroke.
b) Describe the etiopathogenesis and clinical features of hemorrhagic stroke.
c) Draw a nursing care plan for a patient with hemorrhagic stroke.
2. a) Explain the types, causes and pathophysiology of intra-cranial hemorrhages.
b) Discuss the management of patient with intra-cranial hemorrhages.

II. Write notes on:

(7 x 5 = 35)

1. Bells palsy.
2. Multiple Sclerosis.
3. Dementia.
4. Down's Syndrome.
5. Cerebrospinal fluid analysis.
6. Metabolic changes following injury.
7. Emerging trends in neurology and its implication in nursing.

[LP 429]

OCTOBER 2019

Sub. Code: 2335

M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)

SECOND YEAR

PAPER II – CLINICAL SPECIALITY – II
BRANCH I – MEDICAL SURGICAL NURSING
04 – NEUROSCIENCES NURSING

Q.P. Code: 302335

Time : Three Hours

Maximum : 75 Marks

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

1. a) Define quality assurance. Prepare a staffing pattern, physical layout of Neuro ICU.
b) List the equipments and supplies needed for Neuro ICU.
c) Role of neuro-nurse in ensuring quality control in Neuro ICU.
2. a) Define Epilepsy.
b) Explain the types and stages of epilepsy.
c) Describe the medical and nursing management of epilepsy.

II. Write notes on: **(7 x 5 = 35)**

1. Myasthenia gravis.
2. Legal and ethical issues in Neuro Nursing.
3. Glasgow coma scale.
4. Meniere's Disease.
5. Herniation Syndrome.
6. Craniotomy.
7. Subarachnoid Hemorrhage.

[LS 429]

**DECEMBER 2020
(OCTOBER 2020 SESSION)**

Sub. Code: 2335

**M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)**

SECOND YEAR

**PAPER II – CLINICAL SPECIALITY – II
BRANCH I – MEDICAL SURGICAL NURSING
04 – NEUROSCIENCES NURSING**

Q.P. Code: 302335

Time : Three Hours

Maximum : 75 Marks

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

1. a) Explain the Types of Seizures. Discuss the pathophysiology of Seizure.
b) Detail the Collaborative management patient with Seizure.
2. Mr. X, 42 years old admitted in Neuro ICU with complaints of weakness in the Upper limb and he is on mechanical ventilator with SIMV Mode, FiO₂ 50%, PEEP-5.
a) Explain the Causes, Pathophysiology and Clinical Features of Upper Motor Neuron Diseases.
b) Discuss the Nursing Management of Mr. X.

II. Write notes on: **(7 x 5 = 35)**

1. Wilsons Disease.
2. Monro-Kelly Hypothesis.
3. Ventriculogram.
4. Diabetes Insipidus
5. Trigeminal Neuralgia.
6. Down's Syndrome.
7. Quality Control in Neuroscience Nursing.

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

[MSCN 0323]

MARCH 2023

Sub. Code: 2335

(OCTOBER 2022 EXAM SESSION)

M.Sc. (NURSING) DEGREE EXAMINATION

(Regulations for candidates admitted from 2011-2012 Sessions onwards)

SECOND YEAR

PAPER II – CLINICAL SPECIALITY – II

BRANCH I – MEDICAL SURGICAL NURSING

04 – NEUROSCIENCES NURSING

Q.P. Code: 302335

Time : Three Hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Define epilepsy.
b) Discuss the types and stages of epilepsy.
c) Elaborate the collaborative management of patients with epilepsy.
2. a) Enumerate the different classification and pathophysiology of spinal cord injury.
b) Explain the Medical and surgical management of patients with spinal cord injury.

II. Write notes on:

(7 x 5 = 35)

1. Brain tumor.
2. Myasthenia gravis.
3. Down's syndrome.
4. Cranial nerve assessment.
5. Differentiate encephalitis and meningitis.
6. Parkinson's disease.
7. Stroke patients rehabilitation in acute care setting.

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

[MSCN 1125]

**NOVEMBER 2025
(OCTOBER 2025 EXAM SESSION)**

Sub. Code: 2335

**M.Sc. (NURSING) DEGREE EXAMINATION
(Regulations for candidates admitted from the A.Y. 2011-2012 onwards)**

SECOND YEAR

**PAPER II – CLINICAL SPECIALITY – II
BRANCH I – MEDICAL SURGICAL NURSING
(iv) – NEUROSCIENCES NURSING**

Q.P. Code: 302335

Time : Three Hours

Answer ALL Questions

Maximum : 75 Mark

I. Elaborate on:

(2 x 20 = 40)

1. a) Explain in detail about the types of Aphasia.
b) Discuss the Medical and Nursing management of patient with Aphasia including rehabilitation.
2. a) Define Parkinson's disease.
b) Describe the pathophysiology, clinical manifestations and diagnostic evaluation in Parkinson's disease.
c) Explain the management of patients with Parkinson's disease.

II. Write notes on:

(7 x 5 = 35)

1. Brain Death.
2. Neuro Rehabilitation.
3. Neurogenic bladder.
4. Cerebro spinal fluid analysis.
5. Migraine.
6. Name the Cranial nerves and explain Trigeminal Neuralgia.
7. Risk factors related to Neurological disorders.
