

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

[BPT 0122]

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

Sub. Code: 6288

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER II – P.T. IN NEUROLOGY
*Q.P. Code : 746288***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail about the causes, etiology, assessment and management for 70 year old man affected by Parkinson's disease.
2. Discuss in detail about assessment and management of Guillain Barre Syndrome in recovery stage.

II. Write notes on:

(10 x 5 = 50)

1. Abnormal gaits.
2. Brown sequard syndrome.
3. Circle of Willis.
4. Deformities seen in poliomyelitis.
5. Architectural barriers in Muscular Dystrophy.
6. Spina bifida.
7. Benefits of standing training in CP.
8. Splints used in upper limb.
9. Sudeck's atrophy.
10. Neurogenic bladder.

III. Short answer on:

(10 x 2 = 20)

1. Superficial reflexes.
2. Hyperpathia.
3. Assessment of limb length.
4. Akinesia.
5. STNR.
6. Tinel's sign.
7. Pyramidal tract.
8. Pusher syndrome.
9. Shaking palsy.
10. Carotid bruit.

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

[BPT 0622]

JUNE 2022

Sub. Code: 6288

(FEBRUARY 2022 EXAM SESSION)

BACHELOR OF PHYSIOTHERAPY DEGREE COURSE

FOURTH YEAR- (Regulation from 2017-2018 onwards)

PAPER II – P.T. IN NEUROLOGY

Q.P. Code : 746288

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss in detail about Physiotherapy Assessment and management Erb's palsy in Brachial plexus Injury.
2. Discuss in detail about Physiotherapy Assessment & Management of Guillain Barre syndrome at Recovery state.

II. Write notes on:

(10 x 5 = 50)

1. PNF Technique.
2. Motor Relearning.
3. Clinical features assessment and management of poliomyelitis.
4. Rood Approach.
5. Glasgow coma scale.
6. Blood supply of the brain.
7. Management of Median nerve injury.
8. Ambulatory aids in neurological rehabilitation.
9. Coordination assessment.
10. Progressive bulbar palsy.

III. Short answer on:

(10 x 2 = 20)

1. Neuroma.
2. Plantar response.
3. ATNR.
4. Dysmetria.
5. PONS.
6. Function of pyramidal tract.
7. GBS (Guillain Barre Syndrome).
8. LMN lesion.
9. Horner's syndrome.
10. Bladder dysfunction.

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

[BPT 1022]

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

Sub. Code: 6288

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
FOURTH YEAR- (Regulation from 2017-2018 onwards)
PAPER II – P.T. IN NEUROLOGY
*Q.P. Code : 746288***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the various impairments and its specific assessment and tests for Cerebellar Ataxia.
2. Describe the P.T assessment and management for 14 year old boy diagnosed on Duchenne Muscular Dystrophy and bound to wheelchair.

II. Write notes on:

(10 x 5 = 50)

1. Complications of Stroke.
2. Diabetic Neuropathy.
3. Motor learning.
4. Hemiplegic gait.
5. Klumpke's palsy.
6. Early intervention for Cerebral palsy.
7. Spasticity- P.T management.
8. Coma stimulation therapy.
9. Prognosis in Spinal Cord Injury.
10. Balance Assessment.

III. Short answer on:

(10 x 2 = 20)

1. Constraint induced movement therapy.
2. Rhythmic initiation.
3. Tarsal tunnel syndrome.
4. Vestibular ball.
5. Ideomotor Apraxia.
6. P.T role in myasthenia gravis.
7. Ontogenic patterns.
8. Exercises for rigidity.
9. Locked in Syndrome.
10. VI cranial nerve testing.
