

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

[LQ 1019]

NOVEMBER 2020
(MAY 2020 SESSION)

Sub. Code: 8174

**MPT DEGREE EXAMINATION
SECOND YEAR
BRANCH IV – PHYSIOTHERAPY IN PEADIATRICS
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
Q.P. Code : 278174**

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss the neurological assessment of upper and lower brachial plexus.
2. Identify the reflex and reaction present between the ages of three months to seven months. Discuss the implication of their persistence beyond the age of one year.

II. Write notes on:

(10 x 6 = 60)

1. Assessment of postural tone in cerebral palsy.
2. APGAR score for new born baby.
3. High-risk infants.
4. Write a note on assessment of hydrocephalous.
5. Gait evaluation for a spastic diplegic cerebral palsy child.
6. Gower's sign.
7. Neonatal assessment.
8. Landau reflex.
9. Asymmetrical tonic neck reflex.
10. Assessment of Erb's palsy.

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

[MPT 0321]

MARCH 2021

Sub. Code: 8174

(OCTOBER 2020 EXAM SESSION)

MPT DEGREE EXAMINATION

SECOND YEAR – (From the Academic Year 2018-2019)

BRANCH IV – PHYSIOTHERAPY IN PAEDIATRICS

SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT

Q.P. Code : 278174

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about spinal muscular Atrophy, various types, assessment of muscles, PT Intervention?
2. What are the causes of growth plate fracture? Describe the signs and symptoms, limb shortening and various type of treatment.

II. Write notes on:

(10 x 6 = 60)

1. Respiratory assessment in children with neurological issues.
2. Gross motor function classification system.
3. System control theory.
4. Explain about NICU, what are the parameters are Important?
5. Types of polio.
6. Down syndrome.
7. What is the ICF model in physiotherapy?
8. Childhood Obesity and assessment.
9. GAS (Goal attainment scale).
10. Assessment for pronated foot.

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

[MPT 0921]

**SEPTEMBER 2021
(MAY 2021 EXAM SESSION)**

Sub. Code: 8174

MPT DEGREE EXAMINATION

SECOND YEAR - (Regulations for the candidates admitted from 2018-2019)

SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT

BRANCH IV – PHYSIOTHERAPY IN PAEDIATRICS

Q.P. Code : 278174

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about brachial plexus injury, and its clinical evaluation. Discuss about motor and sensory assessment and treatment plan for the same.
2. How does cerebral palsy affect respiratory health? Explain about PT assessment & Management, outcome measures.

II. Write notes on:

(10 x 6 = 60)

1. Feed back and feed forward concept.
2. Wee FIM.
3. Phases DMD.
4. MACS (manual ability classification system).
5. Classification of burns in children.
6. OSD.
7. Tibial Torsion and assessment.
8. Stato kinetic reflexes.
9. Stages of motor learning.
10. Pediatric balance scale.

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

[MPT 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 8174

**MPT DEGREE EXAMINATION
SECOND YEAR - (Regulations for the candidates admitted from 2018-2019)
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH IV – PHYSIOTHERAPY IN PAEDIATRICS
*Q.P. Code : 278174***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe Neuro developmental Assessment of Neonate and explain the prenatal causes for Neuro developmental disorder.
2. Explain in detail about Assessment procedures related to pediatric cardio pulmonary condition.

II. Write notes on:

(10 x 6 = 60)

1. Community access.
2. Limping.
3. Ayres Test.
4. Negative signs in cerebral palsy.
5. Genetic counseling.
6. Brainstem level reflexes.
7. Alberta infant motor scale.
8. Classification of Mental Retardation.
9. Scooter Board.
10. Erb' s paralysis.

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

[MPT 0223]

**FEBRUARY 2023
(OCTOBER 2022 EXAM SESSION)**

Sub. Code: 8174

**MPT DEGREE EXAMINATION
SECOND YEAR - (Regulations for the candidates admitted from the academic year 2018-2019)
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH IV – PHYSIOTHERAPY IN PAEDIATRICS**

Q.P. Code : 278174

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Genetic disorders and write in detail about Assessment and diagnostic procedures of Down syndrome.
2. Explain Motor Development and Co-ordination and write in detail about assessment, investigation of Developmental Co-ordination Disorders (DCD).

II. Write notes on:

(10 x 6 = 60)

1. Prone progression.
2. Post-Natal Assessment.
3. Guillain Barre syndrome.
4. Athetoid cerebral palsy.
5. Blounts disease.
6. Role of Adaptive Equipment.
7. Pediatric Outcome Data Collection Instrument (PODCI).
8. Torticollis.
9. Respiratory muscle physiology in normal child.
10. Immunization.

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

[MPT 0523]

MAY 2023

Sub. Code: 8174

MPT DEGREE EXAMINATION

SECOND YEAR - (Regulations for the candidates admitted from the academic year 2018-2019)

SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT

BRANCH IV – PHYSIOTHERAPY IN PAEDIATRICS

Q.P. Code: 278174

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the development and the assessment of Gait in children.
2. Neuro-pediatric assessment of a neonate born at 28 weeks of gestational period.

II. Write notes on:

(10 x 6 = 60)

1. Gower's sign.
2. Spinal reflexes.
3. Assessment of Erb's palsy.
4. Dystrophin.
5. Visual Perceptual concept.
6. Post-natal screening.
7. Components of Gait assessment.
8. Ayres test.
9. Pediatric balance scale.
10. NAGI's disability model.

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

[MPT 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 8174

MPT DEGREE EXAMINATION

**SECOND YEAR - (Regulations for the candidates admitted from the academic year 2018-2019)
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH IV – PHYSIOTHERAPY IN PAEDIATRICS**

Q.P. Code: 278174

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain pre and post operative Assessment and complication of myelomeningocele.
2. Describe all Righting reaction and explain its appearance and its Assessment methods.

II. Write notes on:

(10 x 6 = 60)

1. What is developmental Dysplasia of Hip in neonates?
2. Patent Ductus Arterious.
3. Neuro plasticity.
4. Paediatricglasgow coma scale.
5. Growth and development of Heart.
6. Ankle Foot Orthosis (AFO).
7. Documentation.
8. Idiopathic scoliosis.
9. Lymphoma.
10. Endurance.
