

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

[LQ 1019]

NOVEMBER 2020
(MAY 2020 SESSION)

Sub. Code: 8171

**MPT DEGREE EXAMINATION
SECOND YEAR
BRANCH I – ORTHOPAEDICS
PAPER I – PHYSIOTHERAPY ASSESSMENT (SPECIALITY – I)
Q.P. Code : 278171**

Time : Three hours

Maximum : 100 Marks

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

1. Write in detail about the physiotherapy evaluation for neck pain and its differential diagnosis .
2. International classification of impairments disability and handicap model.

II. Write notes on: (10 x 6 = 60)

1. Lumbar Quadrant test.
2. Assessment of dynamic scapular function.
3. Bennett's fracture dislocation.
4. Pathological toe postures.
5. Nerve grafting.
6. Congenital Vertical Talus.
7. Achilles tendon rupture.
8. Role of the non-injured limb in the examination process.
9. Patient-related outcomes after Hips athroplasty
10. Leprosy-drop foot

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

[MPT 0321]

MARCH 2021

Sub. Code: 8171

(OCTOBER 2020 EXAM SESSION)

MPT DEGREE EXAMINATION

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

BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS

SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT

Q.P. Code : 278171

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Evaluation of lumbar spine in spondylolisthesis. Add a note on syndrome that is related with spondylolisthesis.
2. Upper limb tension test and its interpretations. Add a note on neural mobilization.

II. Write notes on:

(10 x 6 = 60)

1. ICF coding.
2. Examination of the workplace.
3. End feel Assessment.
4. Evaluation of posture.
5. Inert tissue evaluation.
6. Diagnostic test used in Ankylosing spondylitis.
7. Importance of Q-angle in evaluation of knee joint.
8. Role of pulse assessment in physiotherapy in geriatrics population.
9. Assessment of joint capsule.
10. General assessment- On palpation.

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

[MPT 0921]

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

Sub. Code: 8171

MPT DEGREE EXAMINATION

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

SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT

BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS

Q.P. Code : 278171

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Physiotherapy evaluation of knee joint in various conditions.
2. Define fracture, types, complications and explain in detail on Common mechanism of injury, clinical features, classification of tibial plateau fracture and its surgical management.

II. Write notes on:

(10 x 6 = 60)

1. Principles of evidence based practice in physiotherapy.
2. Pathomechanics of Osteoarthritis knee joint.
3. Explain in detail on bone grafting.
4. Grades of tenderness and explain end feel.
5. Components and benefits of ICF.
6. Classifications of peripheral nerve injuries and Brachial plexus injury.
7. Pott's fracture.
8. Provisional diagnosis and differential diagnosis of thoracic outlet syndrome.
9. CDH.
10. Carpal tunnel syndrome.

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

[MPT 0222]

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

Sub. Code: 8171

**MPT DEGREE EXAMINATION
SECOND YEAR - (Regulations for the candidates admitted from 2018-2019)
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS
Q.P. Code : 278171**

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Evaluation of shoulder joint in various conditions.
2. Define amputation, types, levels and complications of amputation. Give a note on endoskeletal and exoskeletal prosthesis.

II. Write notes on:

(10 x 6 = 60)

1. Post traumatic stress disorder.
2. Osteosarcoma.
3. Code of ethics.
4. Shoulder dislocation and its medical management.
5. Explain in detail on upper limb tension tests.
6. Patellar fracture and its management.
7. Lateral popliteal nerve injury.
8. Burns causes, degrees, rule of nine and its medical management.
9. Meniscal injury.
10. Myofascial pain syndrome.

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

[MPT 0622]

**JUNE 2022
(MAY 2022 EXAM SESSION)**

Sub. Code: 8171

**MPT DEGREE EXAMINATION
SECOND YEAR - (Regulations for the candidates admitted from 2018-2019)
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS
*Q.P. Code : 278171***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define ergonomics. Write about cumulative trauma disorder. Mention about measures that can be adapted for preventing upper extremity injuries.
2. Write in detail about postural assessment. Add a note on differential diagnosis of low back pain.

II. Write notes on:

(10 x 6 = 60)

1. Tendon transfer.
2. Obers test.
3. Disability evaluation.
4. Kinematics of gait.
5. Special test for ankylosing spondylitis.
6. CDH.
7. Special test for supraspinatus tendinitis.
8. Arthrodesis.
9. Rheumatoid arthritis.
10. Post traumatic stress disorder.

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

[MPT 0223]

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

Sub. Code: 8171

MPT DEGREE EXAMINATION

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

SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT

BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS

Q.P. Code : 278171

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Evaluation of Gait cycle and its parameters in detail. Explain the gait deviations in below knee Amputation. Add a note on gait deviation in THR.
2. Slump test and its interpretations. Add a note on Assessment of neural tissue mobilization.

II. Write notes on:

(10 x 6 = 60)

1. NAGI model.
2. Examination strategies for environment.
3. Resisted isometric Assessment.
4. Evaluation of limb length in polio.
5. Evaluation of Radial nerve.
6. Diagnostic test for injuries around the shoulder.
7. Types of pain and its assessment.
8. Respiratory assessment for spinal deformities.
9. Assessment of Tibialis anterior.
10. Myotome –Assessment for upper limb and lower limb.

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

[MPT 0523]

MAY 2023

Sub. Code: 8171

MPT DEGREE EXAMINATION

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

SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT

BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS

Q.P. Code: 278171

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write an essay on Influence of values in patient care. Add a brief note on code of ethics.
2. Write in detail about Orthopaedic assessment in Physiotherapy. Add note on special tests.

II. Write notes on:

(10 x 6 = 60)

1. Endo skeletal prosthesis.
2. Peripheral nerve injury.
3. Hangman's fracture.
4. Ape thumb deformity.
5. Keinbock's disease.
6. Guyon's canal.
7. Brachial plexus.
8. Complications of fracture.
9. Special test of slap lesion.
10. Assessment of environmental barriers.

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

[MPT 1223]

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

Sub. Code: 8171

MPT DEGREE EXAMINATION

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

SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT

BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS

Q.P. Code: 278171

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about the P.T evaluation for CTEV.
2. Physiotherapy evaluation for Periarthritis shoulder.

II. Write notes on:

(10 x 6 = 60)

1. Special Test for shoulder impingment syndrome.
2. Assessment for Ankle instability.
3. PT Evaluation for Carpal tunnel Syndrome.
4. Rheumatoid hand evaluation.
5. Evaluation of limb shortening.
6. Functional Evaluation following Tendon Transfer.
7. Assessment of stump.
8. Documenting the plan of care.
9. Tarsal tunnel syndrome - Evaluation.
10. Physiotherapy Evaluation for Supra condylor Fracture of Humerus.

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

[MPT 0524]

MAY 2024

Sub. Code: 8171

MPT DEGREE EXAMINATION

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

SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT

BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS

Q.P. Code: 278171

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Physiotherapy assessment for shoulder joint.
2. Physiotherapy assessment for a 25 year old male following L4-5 discectomy.

II. Write notes on:

(10 x 6 = 60)

1. Post traumatic rehabilitation.
2. Assessment of sacroiliac joint.
3. Common splints for nerve injuries.
4. Code of Ethics.
5. Pes planus.
6. Torticollis.
7. Disability evaluation.
8. Examination of the Work place.
9. Adaptive equipment.
10. Recurrent dislocation of shoulder.

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

[MPT 1024]

OCTOBER 2024

Sub. Code: 8171

MPT DEGREE EXAMINATION

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

SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT

BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS

Q.P. Code: 278171

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Physiotherapy Evaluation for low back pain.
2. Lower limb Tension Tests and its interpretation. Write a note on Neural Tissue Mobilization.

II. Write notes on:

(10 x 6 = 60)

1. Activity analysis of Stair Climbing.
2. Evaluation for Tennis elbow.
3. Rule of Nine in Burns assessment.
4. Special Tests for Knee Joint.
5. Physiotherapy Assessment for Plantar faciitis.
6. Discuss about Functional Evaluation.
7. Examination of the Workplace.
8. Achilles tendonitis - Evaluation.
9. P.T Evaluation following post operative total hip Arthroplasty.
10. Assessment of pain.

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

[MPT 0525]

MAY 2025

Sub. Code: 8171

**MPT DEGREE EXAMINATION
SECOND YEAR - (Candidates admitted 2018-2019 onwards)
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS**

Q.P. Code: 278171

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Discuss in detail about the Physiotherapy evaluation for CDH.
2. Physiotherapy evaluation for Adhesive capsulitis.

II. Write notes on:

(10 x 6 = 60)

1. NAGI model.
2. Preoperative Physiotherapy assessment for above knee amputation.
3. Spondylolisthesis.
4. Evaluation for Low Back Pain.
5. Principles of Osteotomy.
6. Acute stress and post traumatic stress disorder.
7. Assessment of dynamic scapular function.
8. Evaluation of crush injuries of hand.
9. Subtalar joint evaluation.
10. Classification of epiphyseal injuries in children.

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

[MPT 1025]

OCTOBER 2025

Sub. Code: 8171

**MPT DEGREE EXAMINATION
SECOND YEAR - (Candidates admitted 2018-2019 onwards)
SPECIALITY PAPER I – PHYSIOTHERAPY ASSESSMENT
BRANCH I – PHYSIOTHERAPY IN ORTHOPAEDICS**

Q.P. Code: 278171

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the orthopaedic assessment in detail. Add a note on investigations.
2. Explain the assessment of scoliosis in detail.

II. Write notes on:

(10 x 6 = 60)

1. Capsular pattern of restriction.
2. End feel.
3. Resisted isometrics.
4. Assessment for kyphosis.
5. Preoperative assessment for amputation.
6. Assessment for smith fracture.
7. General assessment – On observation.
8. Differential diagnosis for lumbar spondylosis.
9. ICF coding.
10. Work place analysis.
