

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

[BOT 0324]

**MARCH 2024
(FEBRUARY 2024 EXAM SESSION)**

Sub. Code: 6183

**BACHELOR OF OCCUPATIONAL THERAPY DEGREE COURSE
THIRD YEAR - (Regulations for the candidates admitted from 2014-2015 onwards)
PAPER IV – O.T. IN ORTHOPAEDICS & NEUROLOGY**

Q.P. Code: 786183

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail about the principles, goals, types, indications, contraindications of Spinal Orthosis.
2. Describe the principles of PNF. Explain in detail about the various techniques of Proprioceptive Neuromuscular Facilitation.

II. Write notes on:

(8 x 5 = 40)

1. Write about the treatment techniques of Biomechanical Approach.
2. Write any five types of Non Equilibrium Coordination tests and their methods of assessment.
3. What are the common secondary complications of Spinal Cord Injury?
4. Role of Occupational Therapy in Sensory Loss for Patients with Hansen's disease.
5. Opponens Splint.
6. Guillain Barre Syndrome.
7. Occupational Therapy Management for Dementia.
8. Methods to prevent shoulder subluxation after stroke.

III. Short answers on:

(10 x 2 = 20)

1. Associated Reactions.
2. Clonus.
3. Terminal Device.
4. Post Traumatic Stiffness.
5. What is Epicondylitis?
6. Mention any two purpose of Serial Casting Splinting.
7. What is Tremor?
8. What is Grip Strength?
9. Trigger finger.
10. Rigidity.
