

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

[BOT 0122]

**JANUARY 2022
(AUGUST 2021 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 AND NEUROLOGY
*Q.P. Code : 786183***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the application of Motor Relearning Program (MRP) for a patient with right hemispheric stroke.
2. Describe the brachial plexus. Explain the Occupational therapy interventions for a patient with damage to the upper trunk of the brachial plexus.

II. Write notes on:

(8 x 5 = 40)

1. Parts of a standard wheelchair.
2. Prosthetic training.
3. OT management for complex regional pain syndrome.
4. Cognitive remediation for memory deficits.
5. Short- and long-term goals for a patient with Rheumatoid Arthritis.
6. Principles of Hand Splinting.
7. Brunnstrom recovery stages of Arm.
8. NDT inhibitory techniques.

III. Short answers on:

(10 x 2 = 20)

1. Mobile Arm Support (MAS).
2. Tenodesis Grasp.
3. Open task vs closed task.
4. Terminal Device.
5. Tests for coordination.
6. Volkman's sign.
7. Rancho Los Amigos (RLA) scale – stage IV.
8. Souque's phenomenon.
9. Adaptive devices for dressing.
10. Dinner fork deformity.
