

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

[LN 6163]

AUGUST 2018

Sub. Code: 6163

BOT DEGREE EXAMINATION
(Regulations for the candidates admitted from 2010-2011 onwards)
THIRD YEAR
PAPER IV – OT IN ORTHOPAEDICS AND NEUROLOGY

Q.P. Code: 786163

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. OT Management for a client with T₁₂ Paraplegia. Add a note on spinal cord injury complications and their management.
2. OT management for shoulder hand syndrome.

II. Write notes on:

(8 x 5 = 40)

1. Mobile arm support.
2. Muscle re-education program for tendon transfer.
3. Explain the techniques of NDT in treating stroke clients.
4. What are the perceptual problems seen in head injury? How are they treated?
5. Pre-prosthetic training in below elbow amputation.
6. Pre-vocational assessment.
7. Progressive and regressive resistive muscle strengthening protocol.
8. Evaluation of co-ordination.

III. Short answers on:

(10 x 2 = 20)

1. Post polio syndrome.
2. Short opponence splint.
3. Straight leg raising test.
4. List the complications of supra condylar fracture.
5. Medicine ball.
6. Festinating gait.
7. List four functions of frontal lobe.
8. Flexor synergy of upper extremity.
9. List four activities to increase pinch strength.
10. List four difference between upper motor neuron lesion and lower motor neuron lesion.
