

BOT DEGREE EXAMINATION
(New regulations for the candidates admitted from 2014-2015 onwards)
THIRD YEAR
PAPER IV – OT IN ORTHOPAEDICS AND NEUROLOGY

Q.P. Code: 786183

Time: Three hours

Maximum: 100 Marks

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

1. Occupational therapy assessment and management of 35 years old male with T10 complete spinal cord injury.
2. Describe the occupational therapy assessment and management of 68 years old house wife with Rheumatoid Arthritis in the chronic stage.

II. Write notes on: **(8 x 5 = 40)**

1. Occupational therapy for low back pain.
2. ADL training to hemiplegic.
3. Occupational therapy management for Volkman's Ischemic Contracture.
4. Management of spasticity.
5. Mobility aids.
6. Role of occupational therapy during pre prosthetic training.
7. Assessment and therapy plan for fracture neck of femur.
8. Functions and dysfunctions of cerebellum.

III. Short answers on: **(10 x 2 = 20)**

1. Purpose of testing abdominal reflex.
2. Test for nystagmus.
3. Any four types of abnormal gait.
4. Uses of biofeedback.
5. Mechanism of claw hand.
6. Sensory compensation.
7. Any two examples for impairment.
8. Any four types of connective tissue.
9. Any four procedures of muscle testing.
10. Define endurance.