

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. Describe the clinical features and OT management of Parkinson's disease.
2. What are the principles of Splinting? Describe the different types of splints and their indications.

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

1. Techniques used in the Motor relearning program (MRP).
2. Difference between spondylitis, spondylosis and spondylolisthesis.
3. Autonomic dysreflexia.
4. Median nerve palsy.
5. Methods to prevent shoulder sub-luxation after stroke.
6. Affolter's approach.
7. Assessment of hand functions.
8. Mobility aids for people with physical challenges.

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

1. NDT facilitation techniques.
2. Agnosia.
3. Remedial approach.
4. Open task and closed task.
5. Trendelenburg gait.
6. Body scheme disorders.
7. Assessment of proprioception and Kinesthesia.
8. Scoliosis.
9. Carpal tunnel syndrome.
10. Rigidity.
