

[LG 6163]

FEBRUARY 2015

Sub. Code : 6163

**THIRD YEAR BOT EXAMINATION  
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. Explain the Occupational Therapy treatment and evaluation for a 23 year old male following Traumatic Brain injury at Ranchos recovery level of five and six.
2. Discuss the Goals, Anatomical and Mechanical principles of Hand splinting.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Brunstrom stages of upper extremity recovery
2. Post operative management in O.T following flexor tendon repair in hand
3. Treatment for patient with shoulder hand syndrome
4. Complications of spinal cord injury
5. O.T Management for low back pain
6. Energy conservation methods
7. Manual muscle testing – Grading systems
8. Principles of NDT/Bobath approach towards adult stroke patient

**III. Short answers on:**

**(10 x 2 = 20)**

1. Trigger finger
2. Dagger grip
3. Serial casting
4. Mobile arm support
5. Unilateral neglect
6. Universal cuff
7. Extension synergy
8. Dysmetria
9. Cogwheel rigidity
10. Diabetic neuropathy

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