

[AHS 0321]

MARCH 2021

Sub. Code: 2467

(AUGUST 2020 EXAM SESSION)

BACHELOR IN PROSTHETICS AND ORTHOTICS**SECOND YEAR (Regulation 2017-2018)****PAPER VII – ORTHOTIC SCIENCE - II***Q.P. Code : 802467***Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(3 x 10 = 30)**

1. Orthotic management for upper and lower motor neuron lesion.
2. What is CDH? Explain about orthotic management for CDH.
3. Types of orthotic hip joint and its biomechanical function.

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

1. Types of hip orthosis.
2. What is SWASH? And its function.
3. Scottish rite brace.
4. What is spastic CP? And its orthotic management.
5. Brace for femur fracture and its biomechanics.
6. Gait analysis and its checkout.
7. What is weight relieving KAFO and its function?
8. Explain about difference between hybrid KAFO and conventional KAFO.

III. Short answers on:**(10 x 3 = 30)**

1. Write note on trilateral orthosis.
2. What is LLD? And its types.
3. Knee orthosis for haemophilia.
4. What is juvenile idiopathic arthritis?
5. Define orthotic hip joint and its placement and biomechanical function.
6. Write note on Low cost orthosis.
7. What is PPRP? Its orthotic management.
8. What is upper motor neuron disorder?
9. Swedish knee cage and its function.
10. What is spinal cord injury? And its orthotic management.
