

BACHELOR IN PROSTHETICS AND ORTHOTICS
(New Syllabus 2017-2018)

SECOND YEAR

**PAPER II – ORTHOPAEDICS, AMPUTATION SURGERY AND
IMAGING SCIENCE**

Q.P. Code: 802462

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. What are the signs and symptoms of fracture? List the general principles of fracture management.
2. What is scoliosis? Write about the various types and treatment of scoliosis.
3. Write in detail about the causes and management of Leprosy. What is the role of an Orthotist in management of leprosy deformities?

II. Write notes on:

(8 x 5 = 40)

1. Explain about revision amputation. What are its indications?
2. What is neuropathic joint? Explain its Management.
3. Explain about different types of hip dislocations.
4. What is Genu recurvatum? Write its causes and management.
5. Write about the causes and orthotic intervention in carpal tunnel syndrome.
6. Write about Perthes disease.
7. Write about amputation in diabetics.
8. Write about X-Ray as a diagnostic tool.

III. Short answers on:

(10 x 3 = 30)

1. Write about ankylosing spondylitis.
2. Write about Colle's Fracture.
3. Write about causes of metatarsalgia.
4. What is Madelung's deformity?
5. List causes of spinal cord injury.
6. Write about rib angle measurement.
7. What is tennis elbow? List its symptoms.
8. List causes of peripheral nerve injuries.
9. Why do deformities occur in burns patients?
10. Write about kyphosis.
