

[LP 0819]

AUGUST 2019

Sub. Code: 2441

**BACHELOR IN PROSTHETICS AND ORTHOTICS**

**FOURTH YEAR**

**PAPER I – PROSTHETICS SCIENCE – IV**

*Q.P. Code: 802441*

**Time: Three Hours**

**Maximum : 100 Marks**

**Answer All questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Check-Out for Hip Disarticulation Prosthesis.
2. Prosthetic Knee Joint used for Child Prosthesis.
3. Tilt table prosthesis.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Material Used for Hip Disarticulation Prosthesis.
2. Hip Disarticulation Prosthesis Static alignment.
3. Suspension System for Hip Disarticulation prosthesis.
4. Components used for Stubbies prosthesis.
5. Socket Trim line for Hip Disarticulation Prosthesis.
6. Prosthetic hip joint placement for Hip Disarticulation Prosthesis.
7. Static Alignment for Bilateral Stubbies.
8. Trans Lumbar Bucket Socket.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Bench alignment for Hip Disarticulation.
2. Types of Hip Disarticulation Socket.
3. Check-Out for Child Prosthesis.
4. List out Prosthetic Gait for Hip Disarticulation.
5. Types of congenital limb anomalies.
6. Types of Prosthetic Knee joint.
7. Hip Disarticulation Socket Tramline.
8. Types of Prosthetic hip joint.
9. Components used for Sports Prosthesis.
10. Hip Disarticulation Prosthesis Measurement.

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