

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

SECOND YEAR

PAPER VI – PROSTHETICS SCIENCE - II

Q.P. Code: 802466

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Explain about Trans Femoral Check Out Procedure.
2. Explain about Microchip Control Knee.
3. Explain about Trans Femoral Quadrilateral Socket.

II. Write notes on:

(8 x 5 = 40)

1. Trans Femoral Prosthesis Static Alignment.
2. Types of Prosthetic Hip Joint.
3. Types of Trans Femoral Prosthetic gait deviation.
4. Explain about Ischial Containment Socket.
5. Prosthetic management for knee disarticulation amputation.
6. Trans Femoral Prosthetic Components.
7. Types of Trans Femoral prosthetic Suspension.
8. Single axis knee joint.

III. Short answers on:

(10 x 3 = 30)

1. Endoskeletal and Exoskeletal Prosthesis.
2. Trans Femoral Prosthesis Checkout.
3. Knee Disarticulation Amputation Advantages and Disadvantages.
4. Hip Disarticulation Socket Trim lines.
5. Trans femoral prosthesis Bench alignment procedure.
6. Stubbies Prosthesis.
7. TKA Alignment.
8. Types of Prosthetic Foot.
9. Thomas Test.
10. MAS Socket.
