

[AHS 0321]

MARCH 2021

Sub. Code: 2466

(AUGUST 2020 EXAM SESSION)

BACHELOR IN PROSTHETICS AND ORTHOTICS**SECOND YEAR (Regulation 2017-2018)****PAPER VI – PROSTHETIC SCIENCE - II*****Q.P. Code : 802466*****Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****I. Elaborate on:****(3 x 10 = 30)**

1. Explain about polycentric knee joint.
2. Prosthetic management for Knee Disarticulation amputation.
3. Explain about Stubbies Prosthesis.

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

1. Hip disarticulation prosthesis bench alignment.
2. Quadrilateral socket trim lines.
3. Through knee amputation patient assessment.
4. Transfemoral prosthesis suspension system.
5. Through knee prosthesis check-out procedure.
6. Trans Femoral prosthetic gait deviation.
7. Types of Prosthetic Knee joints.
8. Explain about Ischial Containment socket.

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

1. Trans Femoral Prosthetic Components.
2. Explain about CAT – CAM.
3. Trans femoral check –out procedures.
4. What is SACH Foot?
5. Quadrilateral socket measurement procedure.
6. Thomas Test.
7. What is TKA alignment?
8. Through knee prosthesis check-out procedure.
9. What is MAS socket?
10. Lower Extremity levels of amputation.
