



Introduction to the Paper I

1. Upper Limb Prosthetics
2. Upper Limb Orthotics
3. Spinal Orthotics
 - Management
 - Wheelchair

Date: 7 January 2019

Schedule of Paper I

Duration: 180 hours (Exclude Management and Wheelchair)

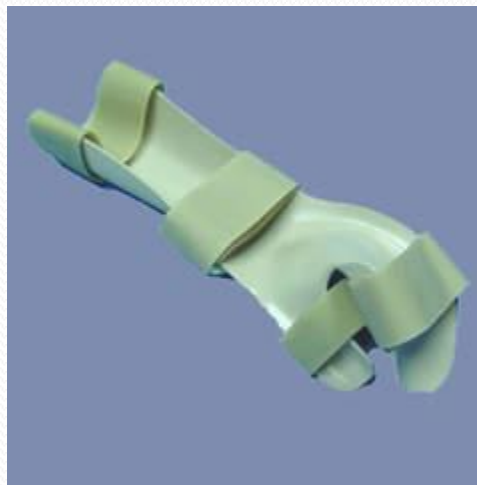
- Start from: 7th January 2019
- To: 20th February 2019



Schedule of Paper I – cont.

Theory:

- ULP theory (lectures): 1 Written test
- ULO theory (lectures): 1 Written test
- SO Theory (Lectures): 1 written test



Schedule of Paper I – cont.

Practical:

- One ULP – Trans-radial Prosthesis
- One ULO – Wrist Hand Orthosis
- One SO – Boston (Group work)
- Group of 3 students



Lectures in ULP and ULO

Subject

Introduction to upper limb prosthetics and orthotics

Patient assessment

Biomechanics

Prescription Principles

Casting

Rectification

Fabrication

Alignment

Checkout ULP

Checkout ULO

Lectures - SO

Introduction to spinal orthotics

Anatomy of spine (review)

Spinal related pathologies (Review)

Biomechanics

Patient assessment, clinical team and radiographic interpretation

Variations of spinal orthotic designs

Casting Spinal Orthotics

Rectification Spinal Orthotics

Fabrication and alignment

Fitting and Checkout

Student Assessment

- Formative assessment -----30%
 - Class work----- 30%
 - ✦ ULP: 1 written test (Class Test I)
 - ✦ ULO: 1 written Test (Class Test II)
 - ✦ SO: 1 written Test (Class Test III)
- Summative assessment -----70%
 - Practical project -----30%
 - ✦ ULP: 2 projects
 - ✦ ULO: 1 project
 - ✦ SO: 1 project
 - Final Regular Written Examination-----20%
 - ✦ 3 hours Written Exam
 - Final Regular Practical Examination & Viva---20%
- **Total: 100%**

Evaluation the practical project

- Students will be assessed throughout project stages.
- Students will be required to present their case, prescription and device.
- ***Students will be required to identify problems with fit and explain changes they would make.***

Additional to Paper I

- Management 30 hours = 5% of Paper I
- Wheelchair 35 hours = 5% of Paper I



Be better
than you
were
yesterday



Any Question????

