

# Diploma in physiotherapy

**Duration: 2 Years**

## First year

- 1- Introduction of physiotherapy
- 2- Anatomy
- 3- Physiology
- 4- Elemental nursing
- 5- Elemental biochemistry. Pathology and microbiology
- 6- Hygiene and sanitation
- 7- Nutrition and sanitation
- 8- Biomedical waste management
- 9- First aid
- 10- Disaster management
- 11- Anatomy and physiology as relevant to physiotherapy
- 12- Medical and surgical nursing
- 13-Elementary pharmacology
- 14-Human relations
- 15- Community health nursing and communicable diseases
- 16-Equipment management

## Second year

- 1-Pathology
- 2- Orthopedics
- 3- Massage manipulation exercise and physical drill and yoga
- 4- Management of medical and surgical emergencies
- 5- Pharmacology
- 6- Medical subjects
- 7- Elementary physics and minor crafts
- 8- Physics of heat and heat therapy
- 9- Physics of light and light therapy
- 10- Physics of electricity and electro therapy
- 11- Hydrotherapy
- 12-Occupational therapy

# First year

## Paper first

**Total marks 100**

**Time 3 hours**

Anatomy and physiology	15 marks
Elementary nursing	15 marks
Elementary biochemistry	15 marks
Pathology and microbiology	05 marks
Hygiene and sanitation	05 marks
Nutrition and dietetics	05 marks
Biomedical waste management	05 marks
First aid	05 marks
Disaster management	05 marks
Internal assessments	25 marks

# First year

## Paper 2<sup>nd</sup>

**Total marks 100**

**Time 3 hours**

Anatomy and physiology as relevant to physiotherapy	25 marks
Medical and surgical nursing	15 marks
Elementary pharmacology	10 marks
Human relations	05 marks
Community health nursing and communicable diseases	10 marks
Equipment management	10 marks

Internal assessment

25 marks

## Practical

**Total mark 100**

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**Time 3hours**

Anatomy and physiology as relevant to physiotherapy	15 marks
Fundamental nursing medical nursing and surgical nursing	15 marks
Elementary pathology microbiology and biochemistry	10 marks
First aid bandaging and casualty evacuation	10 marks
Medical and physiotherapy equipment	15 marks
General biomechanics	10 marks
Internal assessment	25 marks

## Second year

### Paper first

**Total marks 100**

**Time 3 hours**

Pathology	10 marks
Orthopedics	10 marks
Massage manipulation exercise and physical drill and yoga	15 marks
Management of medical and surgical emergencies	15 marks
Pharmacology	05 marks
Medical subjects'	15 marks
Elementary physics and minor crafts	05 marks
Internal assessment	25 marks

# Paper 2<sup>nd</sup>

**Total marks 100**

**Time 3 hours**

Physics of heat and heat therapy	20 marks
Physics of light and light therapy	20 marks
Physics of electricity and electro- therapy	20 marks
Hydro therapy	05 marks
Occupational therapy	10 mark
Internal assessment	25 marks

## Practical

**Total marks 100**

**Time 3 hours**

General duties	05 marks
Massage manipulation exercises drill and yoga	10 marks
Physical of heat and heat therapy	15 marks

Hydro therapy	05 Marks
Physics of light and light therapy	15 marks
Physics of electricity and electro therapy	15 marks
Activity analysis	05 marks
Internal assessment	25 marks