

# Paramedical council of India

## Syllabus Diploma in physiotherapy

Course duration 2 years +6 month internship

### Eligibility

\* Interested candidate must have passed 10+2 with physics chemistry biology or math with 40% marks by state board or any recognized board/ university.

### 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

Dr. DINESH KUMAR SHUKLA, CHIEF MANAGING TRUSTEE, PARA MEDICAL COUNCIL OF INDIA, OM NAGAR, AMETHI ROAD, MUSAFIRKHANA, DISTRICT-SULTANPUR, U.P, INDIA 227813

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

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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 ma