

AIMPCET PG Course Entrance Test Syllabus for MPT

Course Specific Syllabus

Anatomy:

- Human skeletal system
- Muscular system
- Nervous system
- Cardiovascular system
- Respiratory system

Physiology:

- Basic concepts of physiology
- Neurophysiology
- Cardiovascular physiology
- Respiratory physiology
- Musculoskeletal physiology

Biomechanics:

- Principles of biomechanics
- Analysis of human movement
- Joint mechanics

Pathology:

- General pathology
- Systemic pathology
- Musculoskeletal pathology
- Cardiovascular pathology
- Respiratory pathology

Exercise Therapy:

- Principles of exercise therapy
- Therapeutic exercises for different conditions
- Range of motion exercises
- Strengthening exercises
- Stretching exercises

Electrotherapy:

- Principles of electrotherapy
- Electrical modalities in physiotherapy
- Ultrasound therapy
- Transcutaneous electrical nerve stimulation (TENS)
- Interferential therapy

Musculoskeletal Disorders:

- Common musculoskeletal conditions
- Assessment and management of musculoskeletal disorders
- Orthopedic physiotherapy techniques
- Rehabilitation after orthopedic surgeries

Cardiopulmonary Rehabilitation:

- Assessment and management of cardiopulmonary conditions
- Chest physiotherapy techniques
- Cardiovascular exercise training
- Pulmonary function testing

General and Psychometric Analysis Syllabus

General Knowledge:

- Current affairs
- General science
- Indian history and culture
- Geography
- Sports

Psychometric Analysis:

- Personality assessment
- Aptitude and reasoning
- Logical thinking
- Problem-solving skills