

SYLLABUS FOR THE POST OF PHYSIOTHERAPIST (PRELIMINARY MCQS BASED EXAM)**Examination Scheme****Objective Type Multiple Choice Questions (MCQs)**

Test Component	Number of Questions	Maximum Marks
General Knowledge, Aptitude and Computer Awareness	20	20
Physiotherapy Subjects	80	80
Total	100	100

Nature of Examination: Objective Type MCQs

Standard of Examination: Bachelor of Physiotherapy (BPT) Level

Medium of Examination: English and Hindi wherever applicable

Detailed Syllabus**Section I: General Knowledge, Aptitude and Computer Awareness: 20 Marks**

Topic	Subtopics
General Knowledge	Current Affairs, Indian Constitution, National Health Programmes, Healthcare Policies
Reasoning Ability	Logical Reasoning, Series, Coding-Decoding, Analogy
Quantitative Aptitude	Percentage, Ratio, Average, Time and Work, Data Interpretation
English Language	Grammar, Vocabulary, Comprehension, Sentence Formation
Computer Awareness	MS Office, Internet Applications, Electronic Medical Records, Healthcare Information Systems

Section II: Physiotherapy Subjects: 80 Marks

Topic	Subtopics
Human Anatomy	Musculoskeletal System, Nervous System, Cardiovascular System, Respiratory System, Surface Anatomy



Human Physiology	Muscle Physiology, Neurophysiology, Exercise Physiology, Cardiovascular and Respiratory Physiology
Biochemistry	Metabolism, Enzymes, Nutrition, Energy Systems
Pathology	Inflammation, Degeneration, Healing Process, Musculoskeletal and Neurological Disorders
Microbiology	Infection Control, Sterilization, Hospital Acquired Infections
Pharmacology	Analgesics, Anti-inflammatory Drugs, Muscle Relaxants, Drugs affecting Rehabilitation
Biomechanics and Kinesiology	Joint Mechanics, Posture, Gait Analysis, Muscle Function, Movement Analysis
Exercise Therapy	Therapeutic Exercises, Stretching, Strengthening, Mobilization Techniques, Functional Training
Electrotherapy	TENS, Ultrasound Therapy, IFT, SWD, LASER, Electrical Stimulation, Cryotherapy and Thermotherapy
Orthopaedic Physiotherapy	Fractures, Arthritis, Sports Injuries, Joint Replacement Rehabilitation, Spine Disorders
Neurological Physiotherapy	Stroke Rehabilitation, Parkinsonism, Spinal Cord Injury, Cerebral Palsy, Peripheral Nerve Lesions
Cardiopulmonary Physiotherapy	Chest Physiotherapy, Pulmonary Rehabilitation, Cardiac Rehabilitation, ICU Physiotherapy
Community Based Rehabilitation	Community Health, Disability Prevention, Ergonomics, Occupational Health
Sports Physiotherapy	Athletic Injuries, Rehabilitation Protocols, Fitness Training, Injury Prevention
Rehabilitation Medicine	Assistive Devices, Prosthetics and Orthotics, Functional Independence Training
Pediatrics and Geriatric Physiotherapy	Developmental Disorders, Age Related Disabilities, Elderly Rehabilitation
Research Methodology and Biostatistics	Sampling, Data Collection, Research Design, Basic Statistical Tests

Therapy

Evidence Based Physiotherapy	Clinical Decision Making, Literature Review, Outcome Measures
Ethics and Professionalism	Physiotherapy Ethics, Patient Consent, Professional Conduct, Confidentiality
Communication Skills	Patient Counseling, Multidisciplinary Communication, Documentation
Hospital and Clinical Management	Record Maintenance, Clinical Administration, Quality Assurance
Basic Life Support and Emergency Care	CPR, Emergency Response, ICU Basics
Infection Control and Biomedical Waste Management	PPE, Biomedical Waste Segregation, Universal Precautions
Assistive and Adaptive Technologies	Mobility Aids, Orthotic Devices, Rehabilitation Technologies

Therapy