RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER

SYLLABUS FOR SCREENING TEST FOR THE POST OF PHYSIOTHERAPIST
MEDICAL AND HEALTH DEPARTMENT

EXERCISE THERAPY

1. Basic Physics, Massage, Suspension Therapy, Passive, Active, Assisted, Resisted Movement & Muscle Strength.

ELECTROTHERAPY

1. Electrical fundamentals, Magnetic energy to valves & condeneors, Low frequency current, electro-diagnostic therapeutic heat & cryotherapy.
2. High frequency current – Treatment. SWD, US, Microwave, Low frequency, IFT, TNS.

BIOMECHANICS & KINESIOLOGY

1. Kinetic aspect of Limb movements.
2. Biomechanics of gait.

PHYSIOTHERAPY in Orthopaedics conditions

1. Fracture, dislocation & Amputation.
2. Inflammatory conditions & deformity.
3. Operative procedures.
5. Paraplegic quadriplegia rehabilitation.

PHYSIOTHERAPY IN MEDICAL CONDITION

1. Disease of Respiratory System & Gastro Urinary Conditions & rheumatological conditions like Heamophillia connective tissue disease etc.
2. Infections diseases like Tetanus & Leprosy.
3. Peripheral vascular & heart diseases.
Polio mylitis cerebral - Palsy
Hemiplegia, Parkinsons, Peripheral nerve diseases, Sciatica, Backach, Bell’s palsy.
Cardiac rehabilitation.
Disease of Spinal Cord.
Demyelinating diseases like GBS.
Peripheral nerve disorders. Like Epilepsy, myasesthenia gravis, motor neuron disease.

PHYSIOTHERAPY IN SURGICAL CONDITION

Role of Physiotherapy in surgery, Chest Physiotherapy, Postural drainage, Physiotherapy in Post Cardio-thoracic vascular surgery.
Burns, Plastic surgery.
Neuro Surgical conditions with traumatic brain injuries & Spinal Cord injuries.
Anti natal & post natal physiotherapy and menopause.
Pre and post operative physiotherapy – Management in Abdominal surgery & Herniorraphy, Radical mestactomy Thoractomy, Lobectomy, Open heart surgery. Cervical & Lumber spondylosis & Disc prolapse & Spinal surgery

CLINICAL REHABILITATION

Physiotherapy management, Upper and Lower extremities, Spinal Orthosis & prosthesis & prosthetic training.
Foot wear modifications.
Jaipur foot.
Splints.

Pattern of Question Papers :
Objective Type Paper.
Maximum Marks : 100
Number of Questions : 100
Duration of Paper : Two Hours.
All Questions carry equal marks.
There will be **Negative Marking.**