

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.
- 2 Muscle Assessment, P.N.F., Joint movement, Posture, Coordination & Breathing exercise & Yoga, Joint & Joint analysis.

ELECTROTHERAPY

- 1 Electrical fundamentals, Magnetic energy to valves & condensers, Low frequency current, electro-diagnostic therapeutic heat & cryotherapy.
- 2 High frequency current – Treatment. SWD, US, Microwave, Low frequency, IFT, TNS.
- 3 Electromagnetic Agents, I.R.R., Low intensity Laser, UV & Hydrocollateral.
- 4 Stimulative effect sensory & motor nerve activation. Muscle stimulation.

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.
- 4 Soft tissue injuries & Arthritis.
- 5 Paraplegic quadriplegia rehabilitation.

PHYSIOTHERAPY IN MEDICAL CONDITION

- 1 Disease of Respiratory System & Gastro Urinary Conditions & rheumatological conditions like Hemophilia connective tissue disease etc.
- 2 Infections diseases like Tetanus & Leprosy.
- 3 Peripheral vascular & heart diseases.

- 4 Polio myelitis cerebral - Palsy
- 5 Hemiplegia, Parkinsons, Peripheral nerve diseases, Sciatica, Backach, Bell's palsy.
- 6 Cardiac rehabilitation.
- 7 Disease of Spinal Cord.
- 8 Demyelinating diseases like GBS.
- 9 Peripheral nerve disorders. Like Epilepsy, myasthenia gravis, motor neuron disease.

PHYSIOTHERAPY IN SURGICAL CONDITION

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

CLINICAL REHABILITATION

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

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Pattern of Question Papers :

- 1 Objective Type Paper.
- 2 Maximum Marks : 100
- 3 Number of Questions : 100
- 4 Duration of Paper : Two Hours.
- 5 All Questions carry equal marks.
- 6 There will be **Negative Marking**.

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