

SYLLABUS FOR COMPUTER BASED RECRUITMENT TEST (CBRT)
FOR THE POST OF LECTURER IN ALLIED HEALTH SCIENCE COURSES IN
PHYSIOTHERAPY
UNDER
PUBLIC HEALTH DEPARTMENT(GOA MEDICAL COLLEGE)
(Advt No. 11 Year 2023)

I. General English including Grammar - 05 marks

II. General Knowledge, Current Affairs and Events of National and International Importance - 10 marks

III. Logical Reasoning and Analytical Ability - 10 marks

IV. Core: - 50 marks

Exercise Therapy

- Basic Physics, Massage, Posture, Coordination & Breathing exercise
- Suspension Therapy
- Passive, Active, Assisted, Resisted Movement
- Muscle Strength, Muscle Assessment
- P.N.F., Joint movement

Electrotherapy

- Electrical fundamentals
- Magnetic energy to valves & condensers
- Low frequency, IFT, TNS
- Motor nerve activation
- UV & Hydro collateral
- Stimulative effect sensory
- Electromagnetic Agents, I.R.R

Biomechanics & Kinesiology

- Biomechanics of gait
- Kinetic aspect of Limb movements

Physiotherapy in Medical Condition

- Peripheral nerve diseases
- Sciatica
- Infectious diseases like Tetanus & Leprosy
- Parkinsons
- Myasthenia gravis
- Motor neuron disease
- Peripheral vascular & heart diseases
- Backache
- A disease of Spinal Cord
- Demyelinating diseases like GBS
- Peripheral nerve disorders Like Epilepsy
- Bell's palsy
- Cardiac rehabilitation

Physiotherapy in Orthopaedics Conditions

- Paraplegic quadriplegia rehabilitation
- Inflammatory conditions & deformity
- Soft tissue injuries & Arthritis
- Operative procedures
- Fracture, dislocation & Amputation

Clinical Rehabilitation

- Spinal Orthosis & prosthesis
- Prosthetic training
- Upper and Lower extremities
- Footwear modifications
- Physiotherapy Management
- Jaipur foot
- Splints.
-

Note:

Duration for C.B.R.T : 90 Minutes

Maximum Marks for C.B.R.T : 75 Marks