

National Board of Examination in Rehabilitation (NBER)

(An Adjunct Body of Rehabilitation Council of India, under Ministry of Social Justice & Empowerment)

(Department of Empowerment of Persons with Disabilities, Govt. of India)

Examination Conducted by

National Institute for Empowerment of Persons with Multiple Disabilities, DIVYANGJAN (NIEPMD) Chennai.

Diploma in Rehabilitation Therapy**Subject Code: 01DRTPE****Course Code: D.R.T.****Paper - V: Physical Agents & Exercise Therapy****Duration: 2 Hours****Max. Marks :40****Part - A****Essay type questions (Answer any ONE of the following)****1 x 10 = 10 Marks**

1. Write in detail about definition and classification of active, passive and resisted movements.
2. Explain in detail about the principles technique of application, indication and contra indication of shortwave diathermy.

Part - B**Answer in brief (any TWO)****2 x 5 = 10 Marks**

1. Write the difference between the Faradic and Galvanic Current?
2. Brief the details of pathological Gait?
3. What is Progressive Resisted Exercises?
4. Brief Explanation about the Physiological effects of Heat and Cold

Part - C**Write Short notes on any FIVE****5 x 2 = 10 Marks**

1. What is Hydrotherapy?
2. Write a short note on indication of wax bath.
3. Write a short note on contra-indication of ultrasound therapy.
4. Write a short note on pain management.
5. How to prepare patient and equipment for the treatment?
6. Types of breathing exercises.

Part - D**Write in one or two sentences: Any FIVE****5 x 1 = 5 Marks**

1. Expand TENS.
2. What is SD Curve?
3. What are the phases of Gait Cycle the Gain Training?
4. What are the safety measure will take for the patient during the electrotherapy treatment?
5. What is suspension therapy?
6. What is the use of diathermy in physical therapy?

Part - E

State whether TRUE or FALSE

5 x 1 = 5 Marks

1. Cold therapy is otherwise called as cryotherapy.
2. Hydrotherapy treatment is given in the swiss ball.
3. Ultrasound therapy is low frequency current.
4. MMT is the tool of muscle power testing.
5. Traction treatment is given for knee pain.
