

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(Deemed to be University), SALEM**

**M.P.T. DEGREE EXAMINATION – April 2019  
First Semester**

**PHYSICAL MODALITIES AND PT PRACTICE**

Time: Three hours

Maximum : 100 marks

**I. Write short answers on:**

**(10 x 2 = 20)**

1. Cosine Law.
2. Hot water bag
3. Fatigue test
4. Chronaxie
5. Cavitations
6. Classification of laser
7. Vacuum electrode
8. Ice massage
9. Contraindications of ultraviolet rays
10. Fibrillation potential.

**II. Write short notes on:**

**(8 x 5 = 40)**

11. Contraindications of TENS
12. Strength duration curve
13. Physiological effects of ultrasound
14. Therapeutic effects and uses of SWD
15. Causes and types of hazards in electrotherapy
16. Types of biofeedback.
17. Clinical effects and uses of paraffin wax therapy and application techniques.
18. Combination therapy.

**III. Write essays on:**

**(2 x 20 = 40)**

19. Explain in detail about the planning and management of physiotherapy department in a hospital.
20. Write in detail about Faradism under pressure for edematous lower limb.