

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

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

PHYSICAL MODALITIES AND PT PRACTICE

Time: Three hours

Maximum : 100 marks

I. Write short answers on:

(10 x 2 = 20)

1. Law of inverse square
2. Electrical heating pad
3. FG test
4. Rheobase
5. Unstable cavitation
6. Types of Laser
7. Beat frequency
8. Vapocoolant spray
9. Indications of ultra violet Rays
10. Iontophoresis.

II. Write short notes on:

(8 x 5 = 40)

11. Electrophysiological tests with electromyography.
12. Pelvic floor Muscle electrical stimulation.
13. Therapeutic effects of ultrasound
14. Pulsed short wave diathermy
15. Production of LASER
16. Safety precautions in Electrotherapy
17. Advantages and disadvantages of Biofeedback
18. Methods of application of wax therapy.

III. Write essays on:

(2 x 20 = 40)

19. Explain in detail about designing of a gymnasium in physiotherapy department.
20. Write in detail about the techniques of treatment for Flat foot using Faradic foot bath.