

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

**BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION**  
**FEBRUARY - 2021**

**Third Year**

**ELECTROTHERAPY**

Time: Three hours

Maximum: 100 Marks

Answer **ALL** questions.

**I. ESSAY:**

(2 x 20 = 40)

1. What is Cryotherapy? Write in detail about biophysics, therapeutic effects and various technique of application for cryotherapy.
2. Write in detail about LASER therapy.

**II. SHORT NOTES:**

(8 x 5 = 40)

3. Resting membrane potential.
4. Bell's palsy.
5. Electromagnetic Spectrum.
6. F.G.Test.
7. TENS.
8. Condensor field method.
9. Coupling media.
10. Pain gate theory.

**III. SHORT ANSWERS:**

(10 x 2 = 20)

11. Surge.
12. Motor point.
13. Magnetron.
14. Erythema.
15. Whirl pool bath.
16. Phonophoresis.
17. Capacitor.
18. Deltoid Inhibition.
19. Wrist drop.
20. Pressure sores.

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