

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

BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION

August 2019

Third Year

ELECTROTHERAPY

Time: Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. ESSAY: (2 x 20 = 40)

1. Define faradic current. Explain the production, physiological effects and therapeutic effects of faradic current.
2. What is ultrasound therapy? Write in detail about the Bio- physics, properties, production and therapeutic effects of ultrasound.

II. SHORT NOTES: (8 x 5 = 40)

3. Laser.
4. Iontophoresis.
5. Electromyography.
6. Microwave diathermy.
7. Faradism under pressure.
8. Spacing in SWD.
9. Contrast bath.
10. Types of TENS.

III. SHORT ANSWERS: (10 x 2 = 20)

11. Russian current.
12. Hydro collator packs.
13. Motor unit.
14. Tridymite formation.
15. Hubbard tank.
16. H- reflex.
17. Filters in UVR.
18. Ice massage.
19. Ultrasonic field.
20. Electromagnetic spectrum.