

Sl.No:M19138

Course Code:2110301

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

**BACHELOR OF PHYSIOTHERAPY DEGREE EXAMINATION
August 2018
Third Year**

ELECTROTHERAPY

Time: Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. ESSAY: (2 x 20 = 40)

1. Define interferential therapy and its types, parameters, indications, contra indications with its therapeutic effects
2. Short wave diathermy. Write in detail about its application techniques, dosage, indications and therapeutic effects

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

3. Notes on medium frequency currents
4. Amplifier and its uses
5. Tens and its therapeutic effects
6. Iontophoresis and its physiological effects
7. Therapeutic effects of microwave Diathermy
8. Indications and contra- indications of ultra sound
9. Capacitor and its uses
10. Ultra violet radiations and therapeutic effects

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

11. Motor unit
12. Rheobase
13. Define pain
14. Contra indications of tens
15. What is fuse?
16. Phonophoresis
17. Helium- Neen laser
18. Cryokinetics
19. F wave
20. Uses of bio feedback
