

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

**M.P.T. DEGREE EXAMINATION – November 2018
First Semester**

PT EDUCATION, BIOSTATISTICS AND RESEARCH

Time: Three hours

Maximum : 100 marks

I. Write short answers on:

(10 x 2 = 20)

1. Audio visual aids
2. Nature of measurement
3. Intelligence
4. Process of learning
5. Statistical reasoning
6. Methods of tabulation
7. Negligence in Physiotherapy practice
8. Lesson plan
9. Case study
10. Conflict of interest

II. Write short notes on:

(8 x 5 = 40)

11. Group design
12. Publishing physiotherapy research
13. Funding in research
14. Principles of experimental design
15. Formal and informal education in physiotherapy education
16. Ethical issues in physical therapy
17. Relationship of physiotherapist with the patients
18. Role of computer in data analysis

III. Write essays on:

(2 x 20 = 40)

19. Explain the scales of measurement with physiotherapy examples for each.
20. Discuss the principles and methods of teaching. Justify objective and subjective evaluation systems.