

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

**M.P.T. DEGREE EXAMINATION – February 2021
First Semester**

PT EDUCATION, BIostatISTICS AND RESEARCH

Time: Three hours

Maximum : 100 marks

I. Write short answers on: (10 x 2 = 20)

1. Hypothesis.
2. Informed consent.
3. Disability.
4. Define Physiotherapy.
5. Pie charts.
6. Standard deviation.
7. Placebo effect.
8. Vocational counseling.
9. Dependent variable.
10. Health education.

II. Write short notes on: (8 x 5 = 40)

11. Formal & Informal methods of Education.
12. Performance appraisal.
13. Qualitative Research.
14. General principles and Design of survey.
15. One-way analysis of variance (Anova).
16. Education during pandemic period.
17. Faculty development program.
18. Institutional Review Board in Research.

III. Write essays on: (2 x 20 = 40)

19. Explain about Experimental & Non Experimental Research design with examples.
20. Write detail about the writing up research for publication.