

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

**M.P.T. DEGREE EXAMINATION – November 2019
First Semester**

PT EDUCATION, BIOSTATISTICS AND RESEARCH

Time: Three hours

Maximum : 100 marks

I. Write short answers on:

(10 x 2 = 20)

1. Types of curriculum.
2. Methods of teaching.
3. Define data analysis.
4. Regression.
5. Define- learning.
6. Perennialism.
7. Course placement.
8. Pragmatism.
9. Validity and reliability.
10. Master rotational plan.

II. Write short notes on:

(8 x 5 = 40)

11. Audio – visual aids.
12. Review of literature.
13. Steps in research process.
14. Methods of sampling.
15. Sources of health statistics.
16. Pilot study.
17. Theories of teaching.
18. Difference between functions of schedule and questionnaire.

III. Write essays on:

(2 x 20 = 40)

19. What is hypothesis? How can they be tested? How are risks in hypothesis determined? Explain with examples.
20. Describe the types of data collection and which one is best suited for today.