

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LM 801]

MAY 2018

Sub. Code: 9101

M.O.T. DEGREE EXAMINATION
(Common to all Branches)
FIRST YEAR
PAPER I – RESEARCH METHODOLOGY

Q.P. Code : 419101

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the essential steps in conducting Randomized control trial? Discuss the difficulties you would encounter in designing a randomized control trial to find the effectiveness of a treatment technique in occupational therapy for patients with autism.
2. Define Sampling. Describe the types of sampling methods with illustrations.

II. Write notes on:

(10 x 6 = 60)

1. Importance and limitations of diagrams.
2. Types of tables.
3. Minimization of error variance.
4. Single subject experimental design.
5. Content validity.
6. Rating scales and its types.
7. Ridge regression.
8. Measures of dispersion.
9. Correlation coefficient.
10. Mortality rates.
