

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

[LP 801]

OCTOBER 2019

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. Enumerate the principles, laid down by ICMR that is to be followed when using human beings for research. Give the details pertaining to Principles of Informed Consent and the Principles of Competence.
2. Define Research, list the characteristics of true experimental designs and explain the various experimental designs with examples.

II. Write notes on:

(10 x 6 = 60)

1. Tests of significance.
2. Type I and Type II errors.
3. APA style of Referencing.
4. Write in brief about: a) Mean b) Median and c) Mode.
5. Explain in brief about skewness and kurtosis.
6. Explain in brief about impact factor and citation index.
7. Focus groups.
8. Significance of theoretical frame work in research.
9. Steps of literature review.
10. Critiquing the research report.
