

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

[MOT 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 9101

**M.O.T. DEGREE EXAMINATION
FIRST YEAR
PAPER I – RESEARCH METHODOLOGY
*Q.P. Code : 419101***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain in detail with examples on what are parametric and non-parametric tests, indications and strength and weakness of parametric and non-parametric tests.
2. What is literature review? Explain the importance, types and components. Add a note on data base.

II. Write notes on:

(10 x 6 = 60)

1. Population, sample and sample size.
2. Correlation coefficient – explain with relevant examples.
3. Interview
4. Qualitative research design
5. Explain the referencing and bibliography writing styles
6. How will you critique a scale?
7. Types of scales
8. Pilot study
9. Non probability sampling
10. Statistical analysis tools.
