

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

**[AHS 0321]**

**MARCH 2021**

**Sub. Code: 1003**

**(OCTOBER 2020 EXAM SESSION)**

**M.Phil. CLINICAL SOCIAL WORK**

**FIRST YEAR (From 2011-2012 onwards)**

**PAPER III – EPIDEMIOLOGY AND RESEARCH**

***Q.P. Code : 151003***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2x20= 40)**

1. Explain observational studies with examples for each of the study design.
2. Explain parametric and non-parametric tests; State advantages and disadvantages.

**II. Write notes on**

**(10x6=60)**

1. Concept of randomized controlled trial.
2. Measures of association.
3. Confounding with example.
4. Epidemiologic triad.
5. Types of non-probability sampling with example.
6. Epidemiology of vector-borne diseases with example.
7. Analysis of variance.
8. Epidemiology of obesity.
9. Ethical values and norms in clinical social work practice.
10. Standard error.

\*\*\*\*\*