

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

**[AHS 0921]**

**SEPTEMBER 2021  
(MAY 2021 EXAM SESSION)**

**Sub. Code: 1003**

**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 analytical studies with examples for each of the study designs.
2. Define sampling. List types of sampling methods. Explain each of the sampling methods with examples.

**II. Write notes on**

**(10x6=60)**

1. Ecological fallacy with example.
2. Advantages and disadvantages of a cross-sectional study.
3. Standard deviation and standard error.
4. Systematic error.
5. Natural history of diseases.
6. Epidemiology of food-borne diseases with example.
7. Define with example: Epidemic, Endemic and Pandemic.
8. Measures of central tendency.
9. Perspectives on evidence-based practice in clinical social work.
10. Epidemiology of hypertension.

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