

[LJ 1016]

OCTOBER 2016

Sub. Code: 1003

**M. Phil CLINICAL SOCIAL WORK EXAMS
FIRST YEAR
PAPER III – EPIDEMIOLOGY AND RESEARCH**

Q.P. Code : 151003

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. What are the differences between observational studies and experimental studies? Explain analysis of a cohort study with a suitable example.
2. Explain the concept of tests of significance, the underlying assumptions and the interpretation of p-value. What are Type 1 and Type 2 errors? How would you increase the power of the test for a given Type1 error?

II. Write notes on:

(10 x 6 = 60)

1. Presentation of data.
2. Epidemiology of Road traffic accidents.
3. Probability sampling.
4. Diagnostic tests.
5. Project management.
6. Triangulation.
7. Randomisation.
8. Correlation and regression.
9. Good clinical practice.
10. Reliability and Validity.
