

THE TAMILNADU DR. M.G.R. MEDICAL UNIVERSITY, CHENNAI - 32

Ph.D. - January 2018

PART - I

METHODOLOGY EXAMINATION

PAPER I - RESEARCH METHODOLOGY

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Essays:

(2 x 20 = 40)

1. Explain the following research designs:
 - (a) Descriptive Studies and Casual Studies.
 - (b) Discuss in detail the essential components of a research proposal.
2. Discuss various data collection methods with suitable examples.

II. Short notes:

(10 x 6 = 60)

1. Computer application in research.
2. Research hypothesis.
3. Reference writing in Vancouver style.
4. Parametric and nonparametric test.
5. Randomization.
6. RCT.
7. Incidence and prevalence.
8. Non experimental designs.
9. Focus groups.
10. Type I and Type II errors.
