

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

**Ph.D. - July 2016**

**PART - I**

**METHODOLOGY EXAMINATION**

**PAPER I - RESEARCH METHODOLOGY**

**Time: Three Hours**

**Maximum: 100 marks**

**Answer ALL questions**

**I. Essays:**

**(2 x 20 = 40)**

1. Write in detail about the essential components of good research proposal and what are the factors affecting the research design?
2. List the data collection tools used in quantitative designs and write in detail about questionnaire.

**II. Short notes:**

**(10 x 6 = 60)**

1. Systemic review.
2. Ethical principles.
3. Ethnography.
4. Sample size calculation.
5. Non parametric tests / analysis.
6. Impact factor.
7. Research report.
8. APA style of Referencing.
9. Knowledge dissemination.
10. Copy right.

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