

**M.Phil 1st Semester Examination, 2019**

**RESEARCH METHODOLOGY**

PAPER – LIS-112

*Full Marks : 40*

*Time : 2 hours*

**Answer all questions**

*The figures in the right hand margin indicate marks*

*Candidates are required to give their answers in their own words as far as practicable*

*Illustrate the answers wherever necessary*

1. Answer any *two* questions : 5 × 2
- (a) Differentiate between quantitative research and qualitative research.

- (b) Discuss the variables according to causal relationship.
- (c) Write a short note on SPSS.
- (d) What are the problems in manipulating bibliographic data?

2. Answer any *three* questions : 10 × 3

- (a) How will you assess the quality of literature during literature review? Explain the types of literature review. 4 + 6
- (b) Elucidate the process of writing a research report. 10
- (c) What is a research problem? Explain the factors to be considered while selecting a research problem. 2 + 8
- (d) Enumerate the basic steps for analysis of research data using MS-Excel and find the correlation co-efficient of a set of hypothetical data. 6 + 4

- (e) Prepare a suitable format in two columns of a journal article and insert table and diagram in between two columns. Illustrate the steps required for protecting a file using any word processor assigning a password. 8 + 2

