PG Odd Semester Examination, 2022

LIBRARY & INFORMATION SCIENCE

(3rd Semester)

Course No.: LISCC-302

(Research Methodology)

Full Marks: 70

Pass Marks: 28

Time: 3 hours

The figures in the right margin indicate full marks for the question.
Answer any five questions, taking one from each unit.

UNIT-I

1. (a) What do you mean by the term 'Research' and Research Method and Research Methodology? Explain. Discuss the important characteristics of Research. 7

   (b) Discuss briefly various types of research methods on the basis of Intent/Purpose and methods. 7

2. (a) What is research problem? How a research problem is identified? Write various component of research problem. 7

   (b) Describe the various steps of Research Process with suitable diagram. 7

UNIT-II

3. (a) What do you mean by survey method of research? Discuss the important characteristics of survey method of research. 7

(b) Distinguish between questionnaire and schedule. 7

4. (a) What do you mean by Historical method of research? What are the sources of documents for conducting historical research? 7

(b) Discuss the important primary and secondary data collection tools with their advantages and limitations. 7

UNIT-III

5. (a) Define measures of Central Tendency. Discuss its importance in statistical analysis of data. 7

(b) What is graphical representation of data? Discuss its advantages. 7

6. (a) Define Chi-Square Test. Discuss the importance of Chi-Square Test in Research. 7

(b) Explain the correlation and Regression analysis of data with example. 7

UNIT-IV

7. (a) Define Research Reporting. Discuss the standard layout for writing Ph.D. thesis. 7

(b) Discuss various types of Research Report and highlight their importance. 7

8. (a) Define Reference and Bibliography. Discuss the importance of citations / references for writing research reports a Ph.D. thesis. 7

(b) How many citation styles are available? Discuss guidelines for writing citations or references as per APA or Chicago style for Printed and Web resources. 7

UNIT-V

9. (a) Define Bibliometrics Scientometrics, Infometrics, Webometrics and Altmetrics. 7

(b) How metrics studies help library for collection development. Explain. 7

10. Write a short note on any two of the following : 7x2=14

(i) Case study method of research

(ii) Computerised Data Analysis using SPSS and MS-Excel

(iii) Citation Analysis and Impact Factor

(iv) Research Design : Objectives, Steps and Importance

(v) Experimental Method of Research

(vi) Dependent and Independent variables.

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