

SYLLABUS

For

Ph. D. Entrance Examination

in

Library and Information Science



Department of Library and Information Science
MBB University, Agartala – 799004
Tripura

Group-A

Unit 1: Research and Methods

- Research: Concepts, objectives;
- Research Design, Research Methods
- Collection of data: Pattern and Types

Unit 2: Sampling methods and Techniques

- Sampling methods: Types and techniques, Testing of Hypothesis.
- Software for statistical analysis.
- Collection of data: Types and methods

Unit 3: Data Analysis and Reporting Techniques

- Statistical techniques – Measures of Central Tendency, Graphical Presentation.
- Report Writing: Parts and Patterns.
- Citation Style: MLA, APA, Chicago Manual, etc.

Group-B

Unit 4: Techniques and Tools with LIS

- Citation Analysis, Scientometrics, Informetrics and Webometrics.
- Library Services in Print and Electronic Environment: Evaluation
- Data Models, Ontologies, Taxonomies.

Unit 5: Software Application in LIS

- Integrated Library Management Software: Application and analysis
- Digital Library Software: Application and Evaluation
- Web Based Tools and Trends

Unit 6: Library Automation and Library Networking

- Library automation: Needs, Concepts
 - Library Networks: International and National Library Network
 - Design and Development of Digital Library
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