

SRI KRISHNADEVARAYA UNIVERSITY :: ANANTAPUR
DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Pre – M.Phil / Ph.D. Written Examination - 2008

Paper - I : Research and Statistical Methods

SYLLABUS

1. Meaning of Research - Objectives and significance of Research - Types of Research – Pure and Applied.
2. Selection and formulation of Research problem – Factors influencing selection of Problem.
3. Hypothesis – Null Hypothesis.
4. Research Design – Meaning, Need and various steps in Research design.
5. Methods of Research – Scientific Method – Historical Method – Experimental Research – Survey Research
6. Case Study – Advantages and Limitations.
7. Primary and Secondary data – Methods of collection of data – Observation – Interview, Questionnaire and Schedule method, Sampling methods- Random and Non-Random Sampling.
8. Statistics – What and why for Librarians – Statistical Methods – Measures of Central tendency – Mean, Mode and Median – Standard Deviation – Correlation - Regression analysis – Chi – Square Test – “T” Test.
9. Report Writing.

BOOKS FOR REFERENCE:-

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| 1. Busha. Charles H and Marter Stephen. P | : Research Methods in Librarianship - Techniques and Interpretation. |
| 2. Sardana, J.L. and Sehgal, R.L. | : Statistical methods for Librarians. New Delhi: ESS Publications, 1992. |
| 3. Simpson, I.S. | : Basic Statistics for Librarians. London: Clive Bingley, 1983. |
| 4. Ravichandra Rao, I.K. | : Quantitative methods for Librarians. London, Clive Bingley, 1975 |
| 5. Kothari, C.R. | : Research Methods and Techniques. New Delhi: Wiley Eastern Ltd, 1995. |
| 6. Bajpai, S.R. | : Methods of Social Survey and Research, Manipur: Kitabachar, 1988. |

MODEL QUESTION PAPER

**SRI KRISHNADEVARAYA UNIVERSITY ;; ANANTAPUR
DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE;
PRE - M.Phil / Ph.D., WRITTEN EXAMINATION - 2008**

PAPER - I : RESEARCH AND STATISTICAL METHODS

TIME : 3 Hours

Max.Marks : 100

**Answer any FIVE Questions
All questions Carry equal marks.**

1. Define research and explain how the research contributes to the growth and development of the subject ?
2. Discusses and explain the steps involved in the application of the Scientific method in research ?
3. Discusses the need for research design and explain the factors to be considered in research design.
4. Discusses the sampling techniques that are useful in Library & Information Science Research?
5. What is the importance of hypothesis in research and explain the characteristics of workable hypothesis?
6. Discusses the trends in Library and Information Science research ?
7. Describe the structure and features of research report?
8. Define data and information. Explain various techniques used to analyse the data?
9. Answer any TWO questions:
 1. Objectivity in research.
 2. Case Study.
 3. Interview Method
 4. Chi – Square test.

DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

S.K.UNIVERSITY: ANANTAPUR

M.Phil. Degree (Written) Examination

SYLLABUS

Paper-II (A) - MANAGEMENT OF LIBRARY AND INFORMATION CENTRES

1. Management : Concept , Definition and Scope
2. Human Resource Management – Organization structure
3. Management styles , approaches and schools of thought
4. Financial Management- Finance and Budget
5. Total Quality Management
6. Library House-Keeping operations
7. Planning : Basic concepts

Books recommended for study

1. Armstrong, M. Management Process and Functions
2. Hayes, R.M. Strategic Management in libraries
3. Koontz,H and others. Management
4. Mukherjee, R.S. and Sengupta, B. Library Organization and Administration
5. Sharma,J.S. Library Organisation

Paper-II (B) : INFORMATION TECHNOLOGY: APPLICATIONS

1. Library Automation : concept, need and Purpose
2. Planning and Implementation of Library Automation
3. Communication Technology: Telecommunication Technology, Network media
4. Internet : Web Browsers, E-mail, Data Communication services
5. Digital libraries: Concept, scope and Trends
6. Artificial Intelligence
7. Expert systems

Books recommended for study

1. Kumar,P.S.G. Fundamentals of Information Science
2. Kumar,P.S.G. A student's manual of library and information science
3. Khanna, J.K. Documentation and Information
4. Bohl, Marelin. Information Processing. Ed.3
5. Singh,Prem and Khanna, J.K. Information Technology in Libraries.

Paper-II (C) : FOUNDATIONS OF LIBRARY AND INFORMATION SCIENCE

SYLLABUS

1. Library as a social institution
2. Types of libraries –Public, Academic and special libraries
3. Five Laws of Library Science
4. Development of libraries in India
5. Library legislation: Need and Essential Features
6. Public relations and Extension Activities
7. Library and Information Profession

Books recommended for study

1. Khanna, J.K. Library and Society.
2. Ranganathan,S.R. Reference Service
3. Sahai, S.N. Library and the Community
4. Sharma,Pandey S.K. Library and Society
5. Vyas, S.D. Library and Society

Paper-II (D) : LIBRARY AND USERS

1. Information Users and their needs
2. Users and Use of Information
3. User studies and User Education
4. Planning User Education Programmes
5. Information seeking Behaviour
6. Information needs
7. Survey methods-Proforma method, Interview method

Books recommended for study

1. Kumar, P.S.G. A students manual of library and information Science
2. Crawford,S. Information needs and uses.
3. Girijakumar. Defining the concept of information needs
4. Chen, Ching Chen. Information seeking, assessing and anticipating user needs
5. Mahapatra M and others . Information Management in academic and research libraries. CALIBER - 98

Paper-II (E) : INFORMATION SOURCES

1. Information sources-concept, meaning and definition
2. Documentary and Non-documentary sources
3. Primary Information sources- Periodicals, Research monographs , patents etc.
4. Secondary Information sources-Indexing periodicals, Abstracting periodicals etc.
5. Teritiary Information sources –Bibliography of bibliographies
6. Evaluation of Information sources
7. Electronic formats of information sources

Books recommended for study

1. Chakraborti, M.L. Bibliography: In theory and Practice
2. Girija Kumar and Krihshan Kumar. Bibliography
3. Katz,W.A. Introduction to Reference Work.
4. Krishan Kumar. Reference Service. 4th ed.
5. Shores, Louis. Basic Reference Sources.