29. COURSES* OF STUDY FOR MASTER OF PHILOSOPHY EXAMINATION

Part I

COURSE I: RESEARCH METHODS

Nature and role of research in library and information science

Design of a scientific research study. Research methods and their application to library and information science

Collection and analysis of data: Statistical methods. Survey method

Experimental method. Analysis and interpretation of data. Writing of report including presentation of data

Case study of research methodology used in survey reports and other studies of libraries/documentation centres/information centres, etc.

COURSE II: LIBRARY PLANNING AND MANAGEMENT

Planning methodology

Comparative analysis of recent managerial philosophies and practice with a special reference to attitudes, motivation, problem solving, decision making, organization theory, human relations, personnel management, etc.

Organization structures; Library system

Government of the library

Personnel management; Human relations in management, staffing, staff development

Applications of system study techniques to library organizations and library situations

Evaluation of library procedures and services. Time and motion studies

Performance testing

Cost benefit analysis

Financial management

COURSE III (a): UNIVERSITY AND COLLEGE LIBRARY SYSTEM

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* This is only a broad outline the coverage of topics in each paper will be elaborated by the concerned teacher.

Changing perspective in higher education and their implication for development of libraries

Types of Universities (including Open University) and their impact on library services

Current state of university and college libraries in selected developed and developing countries

Library government: Constitution and powers

Changing patterns in library organizations: Library system structure and provision of services

Library Personnel

Library Finance	:	Cost benefit studies and analysis
Library collections	:	Use and evaluation
University and college library networks	:	Their relationship with other at national library networks and international levels
Library services	:	Their evaluation and effectiveness

Use of computers and other mechanical devices

Planning for future development Plans

Course III (b): Research and Technical Library System

Changing perspectives in R & D and their implication for the development of libraries

Current state of research and technical libraries in selected developed and developing countries. NISSAT

Library government	:	Constitution and power
Changing patterns in library organization	:	Library systems, Structure and provision of service
Library Personnel	:	
Library Finance	:	Cost benefit studies and analysis
Library Collection	:	Use and Evaluation
Research and technical library networks	:	Their relationship with other library networks at national and international levels
Library service	:	Their evaluation and effectiveness

Use of computers and other mechanical devices

Planning for future development: Preparation of development plans, case studies of selected research and technical libraries

COURSE III (c) : PUBLIC LIBRARY SYSTEM

Changing perspective in education and society and their implications for the development of Public Libraries

Current state of public libraries in selected development and developing countries

Library government	:	Constitution and powers
Changing patterns in library organization:		Library systems, structure and provision of service

Library Personnel

Library Finance	:	Cost benefit studies and analysis
Library Collection	:	Use and evaluation
Public Library Networks	:	Their relationship with other library networks at national and international levels
Library services	:	Their evaluation and effectiveness

Use of computers and other mechanical devices

Planning for future development	:	Preparation of development plans

COURSE III (d): INFORMATION PROCESSING AND ORGANIZATION

Classification : Recent development and trends for the future

Subject indexing : Critical study of the different lists of subject headings

Thesaurus and the sauro facets methodology for developing a thesaurus

Pre-coordinate and post-coordinate systems of subject indexing: PRECIS, POPSI.

Standards for bibliographical description: National and international

Evaluation of information systems

COURSE III (e): INFORMATION TRANSFER AND DISSEMINATION

Role of information in planning, decision making, management etc.

Information communication media and methods

Trends in communication of information

Barriers to communication

Information marketing

Information gathering habits of the users

Information services CAS, SDI, abstracting services, digests, technical notes, state-of the art and trend reports, etc. and their evaluation

Search strategy

Document delivery systems; translation; reprography

COURSE III (f): COMPARATIVE LIBRARIANSHIP

Definition and scope of comparative librarianship. Librarianship in ancient, medieval and modern times. Comparative study of library development of different library systems

Merits and demerits of library systems

Issues in modern librarianship

COURSE III (g): EDUCATION FOR LIBRARY AND INFORMATION SCIENCE

Sociology of library and information science education

Trends in library and information science education: National and international levels

Level of courses in education for librarianship and their objectives

Curriculum design: Methodology

Teaching techniques and evaluation of student performance

Faculty development

Development of research programme in library and information science

Manpower planning and its impact on library and information education programme