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J

SET - I

Paper M-107 : ADVANCED ICT APPLICATION IN LIS
(PRACTICAL)
(Admissions of 2009 and onwards)

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

***Attempt all questions.
All questions carry equal marks.***

1. Design Libray website using navigational options and functions for Library Introduction, Library Services, Links to Open Sources and News Feedback. 14
2. Design and develop Library Users Networking. Incorporate institute photos, events for the users. 14
3. Create five records from given documents and five from the Library of Congress using Z39.5 protocol in the web based library management software. Search these records and save the output in a file. 14
4. Configure your computer for conferencing. Create user account in Skype communication software and connect other users for Library audio - video conferencing. 14

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5. Using Greenstone Digital Library Software, demonstrate the features of demo digital library collection. Create folders and subfolders for LIS records. 14

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SET - II

**Paper M-107 : ADVANCED ICT APPLICATION IN LIS
(PRACTICAL)**

(Admissions of 2009 and onwards)

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
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***Attempt all questions.
All questions carry equal marks.***

1. Design and develop a University Library Blog. Create Library Profile, Latest Arrivals, Library Services and Multimedia Postings. 14
2. Create DLIS Library digital collection using Greenstone Library Interface. Provide multiple search options on various metadata display records having cover page, contents and text of given five records. 14
3. Configure Koha library system for a college library. Create five bibliographic records and download five MARC records. Search for various keywords and save the output in a file. 14
4. Install and configure audio - video conferencing system on your computer. Using Skype create user account and connect with other users for audio - video conferencing. 14

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5. Develop a library webpage in the web based library management software. Create links to Journal of Documentation, News Today, and Library Events. 14

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**Paper M-108 : INFORMATION STORAGE AND
RETRIEVAL SYSTEM**

(Admissions of 2009 and onwards)

Time : 3 hours

Maximum Marks : 70

(Write your Roll No. on the top immediately
on receipt of this question paper.)

Attempt all questions.

1. Either, 1.1 What do you understand by 'Information Retrieval' ? Discuss, the various components and types of Information Retrieval System.

Or, 1.2 What is the need of compability in Information Storage and Retrieval ? Discuss the various issues and areas of compatibility in the Information Storage and Retrieval System.

12.5

2. Either, 2.1 Explain the need and purpose of Controlled Vocabulary Tools in Information Storage and Retrieval. Discuss, with suitable examples the usefulness of such tools in information organization.

Or, 2.2 'Thesaurus is considered as the best vocabulary controlled device in libraries for indexing and retrieval. In the light of the statement, discuss the relationship among the

P.T.O

terms found in a thesaurus and also discuss the steps involved in construction of a Thesaurus. 12.5

3. Either, 3.1 'Evaluation is the best process to ascertain the merits and demerits of Information Storage and Retrieval System'. In the light of the statement, discuss the criteria used for evaluation of an Information Retrieval System.

Or, 3.2 Explain the concepts of 'Assigned Indexing, Derived Indexing, Pre-coordinate and Post-coordinate Indexing. Discuss the steps involved in deriving the subject headings using POPSI. 12.5

4. Either, 4.1 Explain the concept of Metadata. Discuss the Dublin Core Metadata sets and their purpose in organizing and managing the e-resources.

Or, 4.2 Discuss the need and importance of Subject Indexing. Discuss, the role of sears list of Subject Headings in regard by giving examples. 12.5

5. Write notes on any four of the following :

1. MARC - 21
2. Data Mining
3. Knowledge Management
4. Information Searching Techniques
5. Sementic Web
6. ISBD

5 x 4 = 20

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Paper M-109 : INFORMATION LITERACY APPLICATIONS
IN LIS
(Admissions of 2009 and onwards)

Time : 3 hours

Maximum Marks : 70

(Write your Roll No. on the top immediately
on receipt of this question paper.)

Attempt all questions.

1. Either, 1.1 "Information literacy skills are the necessary tools that help successfully navigate the present and future landscape of information". In this context, discuss Eisenberg / Berkowitz's the Big 6 skills - information problem solving model.

Or, 1.2 Define 'Information literacy'. Discuss the need and role of libraries in providing information literacy programmes for users in India. 12.5

2. Either, 2.1 What are the different types of information literacy competencies ? Explain the various information literacy standards as prescribed by Association of College and Research Libraries (ACRL).

Or, 2.2 What are the key characteristics of an information literate person ? Discuss the

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role of an information literate person in a changing scenario with the help of a diagram. 12.5

3. Either 3.1 'IL plays a catalytic role in educational process', discuss. Describe the role of Delhi University Library System in this context.

Or, 3.2 What are the different types of literacy used in higher education. Discuss the role of any international agency in the promotion of IL Programmes. 12.5

4. Either, 4.1 'IL is essential for enhancing the use of libraries'. In the light of the statement, discuss the steps involved in designing the ILP for research scholars.

Or, 4.2 "Implementing an effective information literacy programme within the educational environment depends upon a number of collaborative efforts". In the light of the statement, discuss various collaborative efforts for promoting information literacy in a developing country. 12.5

5. Write notes on any four of the following :

- (i) The seven faces of Information Literacy.
- (ii) Web based Information Literacy.
- (iii) Life Long Learning System.
- (iv) Six frames of Information Literacy Education.
- (v) Information Literacy Products
- (vi) OPAC Information Literacy.

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**Paper M-110(a) : PUBLIC LIBRARY AND
INFORMATION SYSTEM
(Admissions of 2009 and onwards)**

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1.1 Trace the development of public libraries in India after independence. Discuss the role being played by the Raja Rammohan Roy Library Foundation in this regard.

Or, 1.2 "The public library, a local gateway to knowledge, provides a basic condition for lifelong learning, independent decision making and cultural development of the individual and social groups", discuss. 12.5

2. Either, 2.1 Explain the need for developing different types of collection in a public library. Discuss the problems involved in the acquisition and organization of non book material.

Or, 2.2 What are the various types of budgeting methods ? Describe in detail, the method which you would recommend for preparing the budget estimates of a public library. 12.5

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3. Either 3.1 What do you understand by organizational structure ? Discuss the organizational structure of public library system as prevalent in Karnataka and West Bengal.

Or, 3.2 Discuss various types of statistical data which should be maintained in a public library and explain their usefulness in library planning.

12.5

4. Either, 4.1 Discuss the need for professional development of staff in a public library. Explain the programmes which a public library should organize in an electronic environment.

Or, 4.2 Describe various types of services provided in a public library. Explain how would you organize such services for children.

12.5

5. Write notes on any four of the following :

- (i) Electronic Resources
- (ii) Provision for Library cess in State Public Library.
- (iii) National Library, India
- (iv) Library Survey
- (v) Functions of State Library Authority.

4 x 5 = 20

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**Paper M-110(b) : ACADEMIC LIBRARY AND
INFORMATION SYSTEM**

(Admissions of 2009 and onwards)

Time : 3 hours

Maximum Marks :70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1.1 Discuss, by giving examples, the problems of College and University libraries in India.
Or, 1.2 Discuss the role of University Grants Commission in the growth and development of College and University libraries in India. 12.5
2. Either, 2.1 Differentiate between 'Library Acquisition', 'Collection Development', and 'Collection Building'. Discuss the principles of collection development in an electronic environment.
Or, 2.2 Discuss, by giving examples, how an academic library can support the learning and research process. 12.5
3. Either, 3.1 Mention the various types of statistical data which should be collected in a University library and explain their usefulness in planning

P.T.O

Or, 3.2 Define the terms 'Resource Sharing', 'Library Networking' and 'Library Consortia'. Describe the features of UGC-Infonet Digital Library Consortium. 12.5

4. Either, 4.1 What do you understand by 'Library Budget'? Mention various sources of library finance in a college library. Explain any three budgetary techniques which you would prefer to use for making the College library budget.

Or, 4.2 What do you understand by the concept 'Information Literacy'? Discuss, by giving examples, the various Information Literacy Programmes and their usefulness in the University environment. 12.5

5. Write notes on any four of the following

- (i) Re-packaging of information
- (ii) SDI Service.
- (iii) Qualities of a good librarian.
- (iv) Grey Literature
- (v) Staff space Development.
- (vi) Staff Manual

5 x 4 = 20

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**Paper M-110(c) : RESEARCH AND TECHNICAL LIBRARY
AND INFORMATION SYSTEM
(Admissions of 2009 and onwards)**

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1.1 What do you understand by 'Electronic Library', 'Digital Library' and 'Virtual Library', explain with examples? Discuss the characteristics of a digital library and explain the various problems being faced in their creation in India.

Or, 1.2 Why most of the traditional libraries are transforming themselves into modern libraries? Discuss the factor affecting this change. Also describe the various features that distinguish them from traditional libraries. 12.5

2. Either, 2.1 'Present decade is witnessing the emergence and acceptance of E - Resources as the important channels of scientific communication in sci-tech libraries', discuss. Mention the types of E - Resources, by highlighting their merits and demerits.

P.T.O

- Or, 2.2 Discuss the usefulness of different types of non - book materials in a special library. Describe the various problems involved in their acquisition, organization and use. 12.5
3. Either 3.1 'CAS and SDI both are Current Awareness Services but they are different', discuss. Describe the various types of CAS which can be provided in a special library.
- Or, 3.2 What do you understand by the concepts of 'Resource sharing', 'Networking' and 'Consortia'? Also give the advantages and disadvantages of consortia. Describe any important Indian consortium in detail. 12.5
4. Either, 4.1 What do you understand by Library Budget? Discuss various types of budgeting methods. Explain in detail, the method you would recommend for preparing budget estimates for a special library.
- Or, 4.2 Explain the concepts of 'Continuing Education Program' and 'Continuing Development Program'. Describe the need for CDP, by explaining various methods used for this purpose. Also describe the concept of Flexi - workforce with their types. 12.5

5. Write notes on any **four** of the following

- (i) Organizational Structure.
- (ii) Staff Manual
- (iii) IASLIC
- (iv) Library Standards
- (v) Translation Tools
- (vi) Business Libraries

5 x 4 = 20

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**Paper M-110(e) : AGRICULTURAL SCIENCES LIBRARY
AND INFORMATION SYSTEMS
(Admissions of 2009 and onwards)**

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1.1 Trace the historical development of agricultural libraries with particular reference to India.

Or, 1.2 'Agricultural libraries are established to develop the agriculture sector in India after Independence', discuss. 12.5

2. Either, 2.1 Discuss the need and importance of Patents, Specifications and Standards in an agricultural Library. Explain the usefulness of Patent Information System in agricultural libraries.

Or, 2.2 Mention the different types of documents required in an agricultural university library. Explain the problems usually faced in the acquisition of electronic resources in such libraries in India. 12.5

P.T.O

3. Either 3.1 What do you understand by AGRIS ?
Describe the structure and activities of AGRIS.

Or, 3.2 'The libraries of agricultural research institutes have to provide specialised services'. In this context discuss the various computerised information services provided to agricultural scientists in India. 12.5

4. Either, 4.1 Discuss the concept of consortium. Describe the problems and prospects of networking of agricultural libraries in India.

Or, 4.2 What do you understand by Organizational Structure ? Describe the responsibilities of two senior position in a University agricultural library. 12.5

5. Write notes on any four of the following :

- (i) Grey Literature
- (ii) I / A Services
- (iii) Competency development
- (iv) CABI
- (v) Extension services in agricultural libraries
- (vi) PPBS.

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Paper M-111(a) : PRINT AND ELECTRONIC SOURCES
AND LITERATURE IN HUMANITIES
(INTERDISCIPLINARY PAPER)

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1.1 Discuss the growth and development of Humanities as a discipline.

Or, 1.2 Write an essay on the development of 'Philosophy' as a discipline of study. 12.5

2. Either, 2.1 Discuss the concept of 'Information Seeking' and 'Information Gathering'. Mention the different information seeking behaviour models and explain any one such model in detail.

Or, 2.2 Describe the major abstracting and indexing services in the field of Humanities. 12.5

3. Either, 3.1 What do you understand by User Study ? Discuss the steps involved in planning a User Study in an academic library.

P.T.O

Or, 3.2 Evaluate any *two* of the following :

1. Intute - Humanities
2. Encyclopedia of Religion and Ethics
3. MLA International Bibliography. 12.5

4. Either, 4.1 What do you understand by Meta Resources ? Describe the characteristics and types of Meta resources in Humanities. Discuss the features of 'WWW Virtual Library - Humanities'.

Or, 4.2 Discuss the significance of electronic resources over print resources. Describe the criteria for evaluation of electronic databases with suitable examples in Humanities. 12.5

5. Write notes on any *four* of the following :

1. Indian Council of Philosophical Research
2. Sahitya Akadami
3. The Modern Humanities Research Association, UK
4. Rabindra Nath Tagore
5. Leonardo da Vinci
6. Swami Vivekanand.

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**Paper M-111(b) : PRINT AND ELECTRONIC SOURCES
AND LITERATURE IN NATURAL SCIENCES
(INTERDISCIPLINARY PAPER)**

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1.1 Discuss the major development and trends in Chemistry during 20th century.

Or, 1.2 Define the concepts 'Information Needs', 'Information Wants', and 'Information Demands'. Discuss, the various categories of information needs. 12.5
2. Either, 2.1 What do you understand by information seeking behaviour? Discuss, with examples the various information sources required by Biologists.

Or, 2.2 Discuss the usefulness of periodical as a primary channel of S&T information. Examine by giving examples, the bibliographical control of this category of literature. 12.5

P.T.O

3. Either, 3.1 Mention the check points found suitable for evaluation of online databases. Evaluate WOS (Web of Sciences) or SCOPUS.

Or, 3.2 Discuss the concepts, 'Consortia and Subject Gateways'. Describe online services in the field of Physical sciences. 12.5

4. Either, 4.1 'IACR act as UGC in context of Higher education in agriculture in India'. In the light of above, discuss the role of ICAR in the growth and development of agricultural education, research and extension in India.

Or, 4.2 Discuss the major activities of NISCAIR, IEEE and DESIDOC. 12.5

5. Write notes on any *four* of the following :

- (i) HJ Bhabha
- (ii) Dr. APJ Abdul Kalam
- (iii) Charles Robert Darwin
- (iv) Isaac Newton
- (v) Indian Science Abstracts
- (vi) AGRICOLA.

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Paper M-111(c) : PRINT AND ELECTRONIC SOURCES
AND LITERATURE IN SOCIAL SCIENCES
(INTERDISCIPLINARY PAPER)

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1.1 Explain the growth and development of Social Sciences during 19th century and 20th century. 12½
- Or, 1.2 Discuss the growth and development of Political Science as a discipline of Social Sciences. 12½
2. Either, 2.1 Differentiate between 'Information Needs' and 'Information Seeking Behaviour' of users. Describe any two models of information seeking behaviour. 12½
- Or, 2.2 Define Survey Approach. Describe the kinds, purposes, importance and planning of a user survey. 12½
3. Either, 3.1 Explain the evaluation criteria of Electronic Resources in the field of social sciences by giving examples. 12½

P.T.O

Or, 3.2 Define Library Consortium. Explain its need, importance and various Licensing Models of the Consortium. 12½

4. Either, 4.1 Discuss the role of London School of Economics and Political Science in the growth and development of these discipline. 12½

Or, 4.2 Discuss and describe the role and activities of Indian Council of Social Science Research (ICSSR) in the promotion of social science research in India. 12½

5. Write notes on any **four** of the following :

- (i) Amartya Sen
- (ii) Mahatma Gandhi
- (iii) Emile Durkheim
- (iv) Intute
- (v) Social Science Research Network
- (vi) Social Sciences Citation Index

5 x 4 = 20