

UNIVERSITY OF HYDERABAD

Centre for Distance Education

Post-Graduate Diploma in Library Automation and Networking

LAN – 411: Information Technology

Term End Examination -2010

3 JAN 2011

Time: 3 Hours

Max. Marks: 60

Note: Answer any FIVE Questions. All questions carry equal marks.

1. Write an essay on classification of computers.
2. Distinguish the characteristics of Dos, WINDOWS, UNIX and LINUX.
3. Highlight the major trends in e-publishing.
4. Emphasize the significance of LAN in large academic System.
5. Critically evaluate the features and functions of MS Access.
6. Describe the major Application software tools.
7. Discuss role of DBMS in special libraries.
8. Discuss the network topologies with suitable examples.
9. Write short notes on any Three of the following:
 - a. Hard Disk
 - b. Windows Vista
 - c. Fibre Optic
 - d. Routers
 - e. Chat
 - f. Electronic data Interchange (EDI)

UNIVERSITY OF HYDERABAD
Centre for Distance Education
Post Graduate Diploma in Library Automation and Networking
LAN -412 : Information Systems
I & II - Term End Examination .2010

4 JAN 2011

Time : 3 hours

Max. Marks : 60

Note: Answer any **Five** questions. All questions carry equal marks.

1. Define 'System' and explain the characteristics of an Open System.
2. What is Library Automation and explain the historical development of Library Automation since 1960s.
3. "CD ROM has brought in revolution in information access, storage and dissemination". Discuss.
4. Explain the criteria for Evaluation of Library Software.
5. Discuss the importance of Human Resource Planning in Libraries and also the factors affecting H R Planning.
6. What do you mean by Performance Appraisal? Discuss the different methods of Performance Appraisal.
7. Explain the concept and importance of Job Analysis, Job Description and Job Specification.
8. Write Short Notes on any **Three** of the following:
 - a. MbO
 - b. Training Vs Education
 - c. LAN
 - d. SOUL
 - e. Barcode

UNIVERSITY OF HYDERABAD
Centre for Distance Education
Post-Graduate Diploma in Library Automation and Networking (PGDLAN)
LAN-413: Bibliographic Database Management Systems
I & II TERM-END EXAMINATION 2010 **5 JAN 2011**

Time: 3 Hours

Max. Marks: 60

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Note: Answer any FIVE Questions. All questions carry equal marks.

- 1. What do you understand by DBMS? List out the desired features of DBMS.**
- 2. List out different types of Database Models and explain detail Relational Model.**
- 3. Explain the structure of a MARC 21 record.**
- 4. Compare the structure of a CCF record with that of a MARC 21 record.**
- 5. What is Z39.50? Explain how the protocol supports Information Retrieval.**
- 6. What are the evaluation criteria to be used in selection of CD-ROM products?**
- 7. What is OPAC? Describe the browsing and searching features of OPAC.**
- 8. What are the basic search strategies employed in searching the Web?**
- 9. Write short notes on any three of the following:**
 - a) Data Manipulation Language**
 - b) Numeric databases**
 - c) Name Authority files**
 - d) DIALOG**
 - e) Second Generation OPACs**
 - f) Phrase searching**
 - g) WINISIS**

UNIVERSITY OF HYDERABAD

Centre for Distance Education

Post Graduate Diploma in Library Automation and Networking

LAN 421 - Library Automation (New Syllabus)

Term Examination - 2010

6 JAN 2011

Time: 3 Hours

Max. Marks: 60

Note: *Answer any FIVE questions*
All questions carry equal marks

1. Explain what are the important hardware and software considerations an academic librarian has to keep in mind while deciding on library automation.
 2. Compare the advantages and disadvantages of in-house and vendor-based retrospective conversion of library records.
 3. Explain how library software can add value to enhance library user interface
 4. Critically examine the integrated and stand alone library software systems. Which of these do you choose and why?
 5. Discuss the importance of Import and export sub-system in the library automation
 6. Examine the features of MIS in library software
 7. Explain how Internet is useful in acquisition function of a library. Give appropriate examples.
 8. Discuss the circulation component of integrated library software. Explain its interdependence on other modules of the software
 9. Write short note on any THREE of the following:
 - a. MARC
 - b. RFID
 - c. Web enabled OPAC
 - d. WWW
 - e. World Cat database
 - f. OCLC
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Centre for Distance Education

Post-Graduate Diploma in Library Automation and Networking

LAN - 422: Library Networks

2 JAN 2011

Term End Examination, 2010

Time: 3 Hours

Max. Marks: 60

Note: *Answer any FIVE questions*
All questions carry equal marks

1. Write an essay on library networking scenario in India.
2. What is a communication network? Explain the functioning of NICNET.
3. What is a search engine? Enumerate the functions of any search engine familiar to you.
4. What is internet? Describe the technology behind it.
5. Describe how you will establish internet facility in a library.
6. Trace the development of library consortia in India.
7. Discuss how e-mail facilitates library operations.
8. Write short notes on any THREE of the following:
 - a) ERNET
 - b) XML
 - c) File Transfer Protocol
 - d) Web OPAC
 - e) UNICODE
 - f) HTTP