

UNIVERSITY OF HYDERABAD

Centre for Distance Education

23 JAN 2012

Post-graduate Diploma in Library Automation & Networking

LAN 411 – Information Technology

I & II – Term – 2011

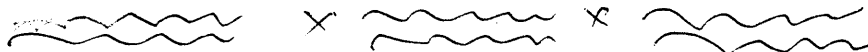
Time: 3 Hours

Max. Marks: 60

Answer any Five Questions:

All Questions carry equal marks:

1. Write an essay on the generation of computers.
 2. Distinguish between Linux and UNIX.
 3. Describe major programming languages.
 4. Explain the structure and functions of computers.
 5. Examine how electronic methods of communication
 6. Discuss on the types of e-commerce.
 7. Discuss the network topologies.
 8. Highlight the features of Windows 2000
-
9. Write short notes on any THREE of the following:
 - a) iPod
 - b) TCP/IP
 - c) Compilers
 - d) Optic Fibre
 - e) Simple Network Management Protocol
 - f) Byte



UNIVERSITY OF HYDERABAD
Centre for Distance Education
Post Graduate Diploma in Library Automation and Networking
LAN -412 : Information Systems
Term End Examination 2011.

24 JAN 2012

Time : 3 hours

Max. Marks : 60

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

1. Define System and explain the System Development Life Cycle method.
2. Describe the qualities, qualifications of a System Analyst and explain the role of a Systems Analyst in Planning a System.
3. Discuss the importance of Library Automation and explain the procedure / steps in Library Automation.
4. Define Human Resource Development and explain its objectives and attributes.
5. State the importance of Motivation of library staff and explain Maslow's theory of Motivation in detail.
6. Discuss the steps involved in Manpower Planning in libraries.
7. What are the objectives of training and explain the different modules for training of Library and Information personnel.
8. Write short notes on any **Three** of the following:
 - a. Modem
 - b. Training Vs Education
 - c. CDS/ISIS
 - d. Job Analysis
 - e. CD-ROM

UNIVERSITY OF HYDERABAD
Centre for Distance Education

25 JAN 2012

Post-Graduate Diploma in Library Automation and Networking (PGDLAN)

LAN-413: Bibliographic Database Management Systems

TERM-END EXAMINATION

Time: 3 Hours

2011

Max. Marks: 60

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

1. Enumerate the advantages and limitations of Database Management System.
2. "Relational Model is the most comprehensive, cohesive and orderly model for a database product". Justify.
3. What is a Bibliographic Database? Explain how is it different from a non-bibliographic database.
4. What do you understand by Retrospective Conversion? Explain various methods of Retroconversion
5. What are Optical Media? Discuss their use in Library and Information centres
6. What are Online Information Retrieval System? Explain any one in detail.
7. Write an essay on second generation OPACs.
8. What is Federated Searching? What are the misconceptions and realities associated with Federated Searching?
9. Write short notes on any three of the following:
 - a) Network model of DBMS
 - b) Fulltext databases
 - c) Subject Authority files
 - d) ISO 2709
 - e) Client-Server Model
 - f) Benefits of Online services
 - g) Subject Directories

~~~~~ x x x x ~~~~~

UNIVERSITY OF HYDERABAD  
Centre for Distance Education  
Post-Graduate Diploma in Library Automation and Networking

LAN – 421: Library Automation

Term End Examination - 2011

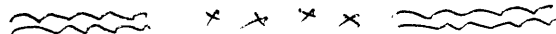
27 JAN 2012

Time: 3 Hours

Max Marks: 60

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

1. What are the hardware and software requirements for efficient library software?
2. Explain the authority files required for efficient library software.
3. What are the issues to be considered in the Recon process?
4. What is Dublin Core Metadata initiative? Explain some of the important data elements with qualifiers.
5. Describe the subsystems of an automated circulation control system.
6. What is OPAC? Explain its main features?
7. What are the Idiosyncrasies of the serials systems?
8. Library automation has revolutionized the library resource sharing. Explain with suitable examples
9. Write short notes on any **THREE** of the following:
  - a) Software evaluation
  - b) Client-server
  - c) ISBN
  - d) Authority files
  - e) Barcode
  - f) RDBMS



UNIVERSITY OF HYDERABAD

Centre for Distance Education

Post-Graduate Diploma in Library Automation and Networking

LAN – 422: Library Networks

28 JAN 2012

Term End Examination, 2011

Time: 3 Hours

Max. Marks: 60

60

Note: Answer any FIVE questions

All questions carry equal marks

1. What is a communication network? Explain the functions of ERNET.
2. Explain the functions and services of any international library network familiar to you.
3. Write an essay on the functioning of search engines.
4. What is e-mail? Discuss its importance in managing library services.
5. What is internet? Enumerate the services available on the internet.
6. Enumerate the guidelines for designing library web pages.
7. Explain the importance of Subject Information Gateways.
8. Write short notes on any THREE of the following:
  - a) NICNET
  - b) Web OPAC
  - c) OCLC
  - d) CALIBNET
  - e) Modem
  - f) ASCII

