

UNIVERSITY OF HYDERABAD

Centre for Distance Education

Post-Graduate Diploma in Library Automation and Networking

LAN-411: Information Technology

Term End Examination-2013

Time: 3 Hours

Maximum Marks: 60

DE. 17.02.2014

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

1. What are the main components of a computer and explain their role in information processing.
2. Write an essay on the generations of computers.
3. Identify and explain the importance of different layers in OSI and TCP/IP reference models.
4. Identify different types of software required in a computer and briefly explain their need for day-to-day work.
5. What are the components of Operating System (OS)? Briefly give an account of important Operating Systems available in the market.
6. Briefly explain the features of Linux OS. How it is different compared to UNIX OS.
7. Write in details about various programming languages.
8. Enumerate the features of Windows XP and how it is different to Windows 2000.
9. **Write short notes on any THREE of the following:**
 - a) CPU
 - b) Coaxial Cable
 - c) Electronic Data Interchange
 - d) Macros
 - e) Batch Processing
 - f) Dialog Boxes

————— X —————

UNIVERSITY OF HYDERABAD

Centre for Distance Education

Post Graduate Diploma in Library Automation and Networking

LAN – 412 : Information Systems

I & II Term End Examination 2013

Time: 3 hours

Max Marks: 60
DE, 18, 02, 2014

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

1. Discuss the importance of systems approach in implementing a library automation project.
2. Enumerate the activities of a library that can be automated and explain how this can improve its efficiency.
3. How do you select a software package for implementing library automation?
4. Describe the features of CDS.ISIS and enumerate its limitations, if any.
5. Write an essay on the library software packages available in India.
6. Explain the steps in Human Resource Planning.
7. Discuss the importance of 'motivation' of staff for successful library automation.
8. Write Short Notes on any **Three** of the following
 - a. Retrospective Conversion of Data
 - b. SOUL
 - c. Performance Appraisal
 - d. Storage Devices
 - e. OPAC

_____ X _____ X _____ X _____ X _____ X _____ X _____

UNIVERSITY OF HYDERABAD
Centre for Distance Education
Post-Graduate Diploma in Library Automation and Networking (PGDLAN)
LAN-413: Bibliographic Database Management System
~~2013~~ TERM-END EXAMINATION 2013
Time: 3 Hours Max. Marks: 60

Dt. 19.02.2014

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

1. Define 'Database Management System' and describe its components.
2. "ISO 2709 is developed to solve the problems unique to bibliographic databases". Explain.
3. What is Z39.50? Explain how it works in Information Retrieval.
4. What are Optical Media? Explain their role in Library and Information Services.
5. What is an Online Information Service? Explain its advantages and limitations.
6. What is OPAC? Explain various methods of searching OPACs.
7. What is a Search Engine? How a Search Engine works in Information Retrieval.
8. Compare the search features of Google with those of other Search Engines.
9. Write short notes on any THREE of the following:
 - a) Query Language
 - b) Hierarchical data model
 - c) Offline vs. Online databases
 - d) Data validation
 - e) Client-Server model
 - f) Problems of Retroconversion
 - g) Database vendors

X

UNIVERSITY OF HYDERABAD
Centre for Distance Education
Post Graduate Diploma in Library Automation and Networking
LAN421- Library Automation (New Syllabus) – 2013

Note: Answer any FIVE questions: All questions carry equal marks: Time: 3.00 Hours

Dt: 20.02.2014

1. Describe the different kinds of internal and external files that an automated acquisition system should have access to.
2. Explain the importance of RECON (Retrospective conversion) in moving from a manual system to an automated cataloguing system.
3. Describe the subsystems of an automated circulation control system.
4. Discuss the desirable features of a serials registration (check-in) module in a serials automation system.
5. Discuss the important features of an order data entry subsystem of an acquisition system.
6. Discuss the importance of import and export sub-system in the library automation.
7. Discuss the role of OCLC in automated cataloguing.
8. What are Dublin core elements? Explain them in detail.
9. Write short note on any three of the following
 - a. WWW
 - b. ISBN
 - c. RFID
 - d. UNIMARC
 - e. World cat data base
 - f. Web OPAC

UNIVERSITY OF HYDERABAD

Centre for Distance Education

Post- Graduate Diploma in Library Automation and Networking

LAN-422: Library Networks

Term End Examination, 2013

Time: 3 Hours

Max. Marks: 60

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

Dt. 21.02.2014

1. Discuss the importance of library networks
2. Write a note on library network scenario in India
3. What is search engine? Explain with suitable examples
4. What is Internet? Write about the important services available on Internet
5. Explain the network component involved in Internet connectivity
6. Write the main features of HTML
7. What is gateway – explain with suitable examples
8. Write short notes on any THREE of the following:
 - a). XML
 - b). Unicode
 - c). ASCII
 - d). Metadata
 - e). Dspace
 - f). Copyright

