

AS-2394
M.Lib.I.Sc. (First Semester) Examination, 2013
Information Technology: Application (Theory)

Paper: Second
Time Allowed: Three Hours
Maximum Marks: 60

Model Answer

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(Section-A)

Question 1: **Objective Type question**

- I. OCR is Stand for :
Answer: **(a) Optical Character Reader.**
- II. Web 2.0 is related with :
Answer: **(a) Social Network**
- III. Hyperlink means:
Answer: **(a) Link is connected with other link**
- IV. Following is not a network protocol:
Answer: **(d) Z39.50**
- V. Deleted e-mail can be found in the :
Answer: **(a) Trash Folder**
- VI. Internet was initially developed by which department of the USA :
Answer: **(b) Defence**
- VII. Which of the following is not library automation software:
Answer: **(d) UNESCO**
- VIII. OPAC is related to:
Answer: **(d) Online Catalogue**
- IX. The term hypertext was coined by:
Answer: **(a) Ted Nelson**
- X. Microchip was invented by:
Answer: **(c) Intel**

Section-B

Question 2: Write an essay on the implementation of digital library.

Answer:

- Introduction with origin about Digital Library
- Need of the digital Library
- Objectives of the digital library
- Planning of digital library
- Proposal for library digitization

- Basic requirements for the digital library
 - Hardware-** Computer system,
Good quality of Scanner,
Digital video camera,
Barcode reader,
Storage medium, etc.
 - Software** –Green stone,
D-space etc.

- Implementation of digital library with essential steps
- Training to library staff to handle the digitized material
- Impact of digital library
- Advantages of digital library
- Conclusion

Question 3: Elaborate the concept and objectives of scholarly communication.

Answer:

- Introduction with origin
- Concept of scholarly communication
- Definition of scholarly communication
- Requirements of scholarly communication
- Objectives of scholarly communication
- Relevant Examples
- Conclusion

Question 4: Discuss the application of computer in different areas of libraries.

Answer:

- Introduction
- Origin of Computer interaction in library
- Concept of Computer Application
- Necessity of various Computer Application in Library
- Selection of Computer Application
- Computer Application should support the following :
 - House keeping
 - Resource Sharing
 - ILL
- Installation and implementation of Computer Application (in required section of Library)
- Required Training of a particular application to Library Staff and Library Users

- Impact of computer application on:
 - Library Services

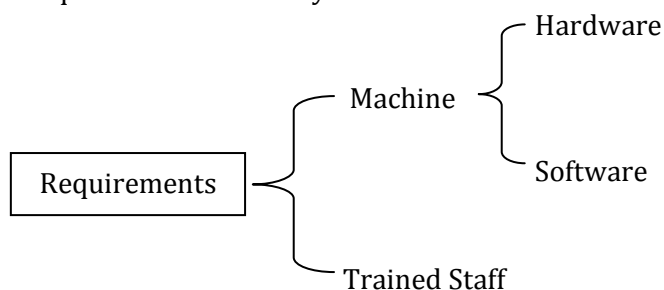
Library users

- Summary

Question 5: What is library automation? Explain the various steps of planning and implementation for library automation.

Answer:

- Introduction
- Origin of Library Automation
- Concept
- Definition
- Need for the Automation of Library
- Objective of the Automated Library
- Planning for Library Automation
- Proposal for Library Automation
- Basic Requirements of Library Automation



- Implementation of Library Automation
- Conclusion

Question 6: Define the digital library. Explain its objectives and scope in detail.

Answer:

- Introduction
- Historical Background of Digital Library
- Concept
- Definition
- Objectives and Functions of Digital Library
- Features of Digital Library
- Scope of Digital Library
- Impact of Digital Library on the users
- Conclusion

Question 7: Elaborate the TCP/IP reference model.

Answer:

- Introduction
- Origin of TCP/IP reference model
- Concept of TCP/IP reference model

- Working process of TCP/IP reference model
- Layers with Various Function
- Conclusion

Question 8: Short notes on any four of the following:

Answer:

(i) OPAC

- Introduction and brief description about following:
- Function
- Features,
- Utilization in library,
- Impact on the users.

(ii) Search Engine

- Introduction and brief description about following:
- How it work
- Types
- Necessity
- Requirements

(iii) Subject Gateway

- Introduction and brief description about following:
- Concept
- Features
- Need

(iv) Joomla

- Introduction and brief description about following:
- Concept
- Features,
- Utilization in library
- Impact on the users.

(v) Internet

- Introduction and brief description about following:
- Origin
- How it works
- Basic requirements for it
- Impact on the learned society.
