

Seat No.	
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M.Lib. & Inf. Sci. (Semester - I) Examination, April - 2017

LIBRARY AND INFORMATION SCIENCE (Paper - IV)

Information Technology Applications

Sub. Code : 47754

Day and Date : Thursday, 20 - 04 - 2017

Total Marks : 80

Time : 11.00 a.m. to 02.00 p.m.

- Instructions :
- 1) All questions are compulsory.
 - 2) All questions carry equal marks.

Q1) A) Multiple choice questions (choose the correct answer): **[10]**

- i) DOI stands for?
 - a) Digital Object Identifier
 - b) Digital Operating Interface
 - c) Digital Organization Index
 - d) Digital Opensource Idea
- ii) Adobe Photoshop is _____
 - a) HTML Editor
 - b) PDF Reader
 - c) Image Software
 - d) None of the above
- iii) What is the name of library software package developed by INFLIBNET?
 - a) Libsys 7
 - b) Soul 2.0
 - c) Slim 5
 - d) Koha 2.0
- iv) A thin strand of glass wrapped in a protective coating is called _____
 - a) Fibre optic cable
 - b) Coaxial cable
 - c) Twisted pair cable
 - d) Untwisted pair cable

- v) In which library service the bar code technology is used?
- a) Circulation b) Reference service
 c) Acquisition d) Document Delivery service
- vi) Shannon and Weaver are associated with _____
- a) Modes of subjects
 b) Models of communication
 c) Theories of Management
 d) Law of Botany
- vii) In context of modulation, PCM stands for _____
- a) Pulse Code Modulation
 b) Phase Control Modulation
 c) Popular Code Modulation
 d) Primary Central Modulation
- viii) Which of the following is not a switching system?
- a) Packet b) Circuit
 c) Router d) Message
- ix) The correct Sequence for flow of information is _____
- a) Message-Sender-Receiver
 b) Sender-Message-Receiver
 c) Receiver-Message-Sender
 d) Sender-Receiver-Message
- x) Didactic communication is _____
- a) Intra-personal
 b) Inter-personal
 c) Organizational
 d) Relational

- B) Answer the following questions in one or two sentences: [10]
- i) What is the full form of IRC?
 - ii) Who coined the terms namely hypertext and hypermedia?
 - iii) Name types of networks based on distance.
 - iv) The term automation was first introduced by whom?
 - v) "Network Interface card is a network component" State whether it is true or false.
 - vi) The term 'Star' is related to what?
 - vii) Mention any two open source softwares used for library automation.
 - viii) What is shree-Lipi?
 - ix) What is mean by LAN?
 - x) What is Gateway?

Q2) Define Library Automation. Describe planning and implementation of library automation and discuss in detail automation of acquisition module. [20]

OR

Write a detailed note on 'Slim' library software package.

Q3) Describe conventional and modern modes of communication. [20]

OR

Write on essay on 'OSI Model'.

Q4) Write short notes (any four): [20]

- a) Switching systems
- b) KOHA
- c) UTP
- d) Transmission Media
- e) OPAC
- f) ISDN

