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
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 an 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

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