M.Lib&Inf.Sci. (Semester - II) Examination, April - 2017
LIBRARY AND INFORMATION SCIENCE (Paper - IV)
Information Technology Applications
Sub. Code : 47765

Day and Date : Thursday, 20 - 04 - 2017
Time : 3.00 p.m. to 06.00 p.m.

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

Q1) A) Choose the correct alternative of the following. [20]

i) IPR stands for ________.
   a) International product research
   b) Intellectual property rights.
   c) Indian product research
   d) Intellectual product reward

ii) Greenstone is ________.
    a) Digital Library software
    b) An operating system
    c) Hardware
    d) Communication channel

iii) 'doc' file format extension relates to ______.
     a) word                   b) excel
     c) Image                  d) presentation

iv) Firewall, proxy antivirus softwares, login name/password are useful for.
     a) Home security        b) Product security
     c) Internet security    d) Furniture security

P.T.O.
v) Which of the following is not a transmission/communication protocol?
   a) IP       b) HTTP
   c) TCP      d) HTML

vi) Who invented the term 'web 2.0'?
   a) Tim O'Reilly     b) C. Babbage
   c) B. Pascal        d) Bill Gates

vii) Cables, adapters, routers, switches and hubs ______ etc are the components of ________.
     a) Monitor       b) Headphone
     c) Network       d) UPS

viii) Outlook express is a ________.
      a) E-mail client  b) Browser
      c) Server        d) Search engine

ix) Yahoo, Google, bing are ________.
    a) Files        b) Blogs
    c) Protocols    d) Search engines

x) FD, CD, DVD, pen drive ______ etc are basically used for.
   a) Storage purpose
   b) Transfer purpose
   c) Communication purpose
   d) Booting purpose

B) Answer the following questions in one or two sentences.
i) Enlist the hardware requirements for digital libraries.

ii) What is the full form of RSS?

iii) Name the device that converts analog signal into digital signal and vice-versa.

iv) What is webliography?

v) Define data warehousing.
vi) What is PoP3?

vii) What is mean by web page?

viii) What are the different file formats used for web page designing?

ix) In the network, all the nodes acts as both client and server, such a type of network is called as?

x) In computer terminology an error in an prograime is known by the name?

Q2) Write short notes (any four) [20]

a) File formats

b) Web servers

c) E-Mail

d) Types of web browsers

e) Content creation

f) Steps in web page designing.

Q3) Define Library 2.0 Discuss web 2.0 application tools used in libraries and information centres for dissemination of information. [20]

OR

What is web page design? Discuss in brief various tools applied for web page designing.

Q4) Write an essay on 'Digital Library' [20]

OR

What is Internet? Enlist various types of internet connection and explain internet protocols.