1600A

MLIS / I Sem.   **J**

Paper M-104 : INFORMATION AND COMMUNICATION
TECHNOLOGY APPLICATIONS IN LIS
(THEORY)
(Admissions of 2009 and onwards)

Time : 3 hours   *Maximum Marks :70*

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt all questions.

1. Either, 1.1   What is TCP/IP ? Why was the development
of TCP/IP revolutionary as far as internet
growth is concerned ?

    Or, 1.2   Define the concept of content management.
Explain different characteristics and
evaluation of content management.   12½

2. Either, 2.1   What do you understand by the concept
'Web 2.0'? Discuss and describe various
tools / technologies of Web 2.0 useful for
university libraries.

    Or, 2.2   Define 'Integrated videoconferencing
system'. Explain eight steps for choosing a
videoconferencing system for libraries.   12½

3. Either, 3.1   Describe the different types of network
cables. Also explain the different
components of each type.   P.T.O

Or, 3.2 What is an expert system? Discuss and describe any two expert systems in libraries. 12½

4. Either, 4.1 What do you understand by 'open source' ? Discuss benefits and challenges of open source software implementation in libraries.

Or, 4.2 What is wireless networking ? Explain different types of wireless networking ? 12½

5. Write notes on any four of the following :
   (i) RSS Feeds and libraries
   (ii) Network components
   (iii) Dspace
   (iv) Library website
   (v) Web OPAC
   (vi) Virtual library   4 x 5 = 20