## M.L.I.Sc. Degree Examination, June/July 2010 LIBRARY AND INFORMATION SCIENCE Paper – VII : Applications of IT in Libraries and Information Centres (Theory)

Time: 3 Hours Max. Marks: 80

I. Answer **any four** of the following:

 $(4 \times 10 = 40)$ 

- 1) Explain the application of IT in library and information centres activities.
- 2) What is artificial intelligence? Explain the major developments in AI.
- 3) Explain the functional subsystems of automated serials control system.
- 4) Discuss in detail the features of LIBSYS.
- 5) What is open source software? Discuss the features of open source software.
- 6) What is networking? Explain different types of networks.
- II. Write short notes on any four of the following:

 $(4 \times 5 = 20)$ 

- 7) Hypertext.
- 8) DBMS.
- 9) Database security.
- 10) Network Architecture.
- 11) SOUL.
- 12) Bibliographic information networks in India.
- III. Write brief answers to the following:

 $(10 \times 2 = 20)$ 

- 13) What is CD-ROM?
- 14) What is interactive multimedia?
- 15) What is barcoding?

P.T.O.

ML 7

- 16) Mention two benefits of SOUL.
- 17) What is hypermedia?
- 18) Mention two components of DBMS.
- 19) Expand RFID.
- 20) What do you mean by SQL?
- 21) Expand INFLIBNET.
- 22) What is expert system?