(2)

2B. What is network topology ? What topology is used in Internet ? Discuss with schematic diagram. Name five popular applications available in Internet along with standard ports and protocols assigned to each of them. Discuss different types of media used in computer communications. Discuss about DNS in computer communication. 1+1+3+5+3+2

3. Write short notes on any *two* of the following : 5x2

   (a) FLOSS

   (b) Evaluation of ILMS

   (c) TCP/IP

   (d) Network security

—— X ——

MASTER OF LIBRARY & INFORMATION SCIENCE (DIGITAL LIBRARY) EXAMINATION, 2018

(4th Semester)

Information Technology - II

Paper - MLDL - 7.4

Time : Two hours   Full Marks : 40

Answer *all* questions.

1A. (a) Describe the characteristics and the essential subsystem of a standard ILMS. 2+8

    (b) How would you manage ever increasing demand for digital library management through ILMS ? 5

OR

1B. Discuss the features of Koha and any other ILMS. Compare them in the context of suitability in university libraries of India. 10+5

2A. What do you mean by Public and Private IP addresses ? How these IP addresses are used in a campus LAN ? What is DHCP ? Discuss the Top layer of OSI model. 3+2+4+3+3

OR

(Turn Over)