

**MASTER OF LIBRARY AND INFORMATION SCIENCE  
(DIGITAL LIBRARY) EXAMINATION, 2022**

(2nd Year, 2nd Semester)

**LIBRARY AUTOMATION**

**PAPER – MLDL-13**

Time : Two hours

Full Marks : 50

Answer *all* questions.

1. a) Why should we use a library database instead of the Internet for the required information? What effect do ICT have on circulation services and management in the library? 4+6

OR

- b) Enumerate the major technological breakthroughs in library automation since the introduction of the Internet. Discuss how OLE recommendation may help in shaping futuristic ILSs. 6+4
2. a) Discuss the features of two open-source software and comment which is favourite in your opinion in the university library. What are the benefits of integrating VuFind software with your OSS software? 6+4

OR

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- b) What are the parameters used to measure the automated systems in libraries by Koha software? How to use the Koha Web OPAC? Illustrate different types of searches with suitable examples. 4+6
3. a) What do you mean by Content Management System (CMS)? Name a few popular open-source CMSs. Discuss how different Library 2.0 features could be implemented through a CMS. 2+2+6

OR

- b) What do you mean by Semantic Web? What are the roles of XML in Semantic Web? Explain specific areas of Web technologies where XML could be used. 2+2+6
4. a) What are the services that a research library can provide using online databases? Name a few popular bibliometric databases. Discuss different tools that could be used for Digital Reference Services. 4+2+4

OR

- b) What is electronic publishing? Discuss the roles of Institutional Repositories (IRs) in the dissemination of scholarly information. How could an IR be made interoperable? 2+5+3

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5. Write short notes on any *two* from the following: 2×5
- a) E-resources
  - b) New Generation catalogue
  - c) Integrated/Dis-integrated Library management system
  - d) Scope of cloud services in libraries
  - e) Safety and security in libraries
  - f) Library 2.0