Indian Statistical Institute
Documentation Research and Training Centre

M.S. in Library and Information Science
Semester III Final Exam. (2020-2021)

Paper – 14 : CONTENT MANAGEMENT SYSTEMS

Date: 31.12.2021   **Max Marks**: 100
                                                             Time: 3 hours

*Answer any **five** questions.*

1. (a) Describe an Enterprise Content Management System (ECMS). Discuss the differences between a Document Management System (DMS) and a Digital Asset Management System (DAMS).   [5 + 5]
(b) What is Community Information Service (CIS)? Justify its implementation in a public library.   [2+8]

2. (a) "Portal is a one stop shop" – explain.   [10]
(b) What is mashup? Discuss the fundamental differences between portal and mashup technologies.   [2+8]

3. (a) "CMS can prove to be the best platform behind a knowledge management system" - explain.   [10]
(b) What is personalization? Describe the profile based and behaviour based personalization with examples.   [2 + 8]

4. (a) What is Drupal? Explain the key objectives and features of Drupal.   [2+8]
(b) Would you suggest the use of CMS software to create an institutional website? Justify your answer.   [10]

5. (a) What is a software agent? Briefly, describe the key characteristics of a software agent as perceived by the scientists. Briefly, discuss the key notions that differentiate an agent from an arbitrary Program.   [2+4+4]
(b) Discuss the issues involved in designing and implementing an agent-based system.
                                                             [10]

6. Answer *any **four*** of the following: [4 x 5 = 20]
(a) Briefly, describe a Multi-agent System.
(b) Write a short note on an online host.
(c) Briefly, discuss the essential criteria you would follow for evaluating a CMS software tool.
(d) Briefly describe the Special Community Information Service (SCIS).
(e) Discuss the various pros and cons of using open-source software for content management purposes.