

Indian Statistical Institute
Documentation Research and Training Centre

M.S. in Library and Information Science
Semester III Final Exam. (2018-2020)

Paper – 14 : CONTENT MANAGEMENT SYSTEMS

Date: 18.11.2019

Max Marks: 100
Time: 3 hours

Answer any *five* questions.

✓ 1. What is Community Information Service (CIS)? Discuss with an example of the steps of designing and implementing a CIS. 2+18

✓ 2. What is a software agent? Briefly, describe the various attributes of a software agent. Discuss the issues involved in designing agent-based systems. 2+6+12

✓ 3. (a) What is a portal? Discuss its usefulness in an information-rich society. 2+8
(b) State and discuss the properties that a portal should possess. 10

→ 4. (a) Discuss the various roles that a CMS may play in designing and enriching the online cataloguing services. 10

✓ (b) Briefly, describe the directory structure of Drupal 8.0. 10

→ 5. (a) Discuss the advantages and disadvantages of developing a Website using an open source content management system. 10

(b) Briefly, describe Rezuna highlighting its features and functionalities. 10

6. Answer any *four* of the following: 4 x 5 = 20

→ { (a) Briefly, describe AJAX.

(b) Briefly, discuss the differences between an agent and an object.

(c) Write a short note on Record Management System.

(d) Briefly, discuss the mashup types.

✓ (e) Write a short note on CKAN.