

**Indian Statistical Institute
Documentation Research and Training Centre**

**M.S. in Library and Information Science
Semester III Final (2017-2019)**

Paper – 14 : CONTENT MANAGEMENT SYSTEMS

Date: 19.11.2018

Max Marks: 100

Time: 3 hours

Answer any five questions.

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

2. What is Content Management? Discuss the various parameters for evaluating a Content Management System. **2+18**

3. (a) “CMS can prove to be the best platform behind a knowledge management system” - Explain. **10**

(b) Discuss the advantages and disadvantages of developing an organizational site using an open source Content Management System. **10**

4. (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) Write a short note on Drupal. Briefly, explain its advantages and disadvantages over Joomla. **6+4**

5. What is a Mashup? Briefly, describe the consumer and data mashups. Discuss the fundamental differences between the portal and mashup technologies. **2+4+14**

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

(a) Write a short note on Web 2.0.

(b) Write a short on Dojo toolkit.

(c) Briefly, discuss the differences between a Portal and a Website.

(d) Write a short note on “Subject Gateway”.

(e) Briefly, describe a Multi-agent System.

3.6
5.4
9.0