THE UNIVERSITY OF THE WEST INDIES

Semester l ☒   Semester II ☐   Supplemental/Summer School ☐

Examinations of December ☒ /April/May ☐ /July ☐ 2013

Originating Campus: **Cave Hill ☐   Mona ☒   St. Augustine ☐**

Mode: **On Campus ☒   By Distance ☐**

Course Code and Title: **LIBS6203 - METADATA AND RESOURCE DISCOVERY**

Date: Time:

Duration: **3 HOURS**   **Paper No:**

Materials required:

Answer booklet: Normal ☒   Special ☐   Not required ☐

Calculator: Programmable ☐   Non Programmable ☐
(where applicable)

Multiple Choice answer sheets: numerical ☐ alphabetical ☐ 1-20 ☐ 1-100 ☐
Auxiliary/Other material(s) – Please specify:

Candidates are permitted to bring the following items to their desks:

Instructions to Candidates: This paper has 2 pages & 7 questions.

Candidates are reminded that the examiners shall take into account the proper use of the English Language in determining the mark for each response.
THIS PAPER HAS TWO (2) PAGES AND SEVEN (7) QUESTIONS.

ANSWER <u>THREE</u> QUESTIONS.

<u>ONE</u> (1) QUESTION MUST BE ANSWERED FROM SECTION 1. QUESTIONS FROM SECTION 1 CARRY 20 MARKS EACH.

<u>TWO</u> (2) QUESTIONS MUST BE ANSWERED FROM SECTION 2. QUESTIONS FROM SECTION 2 CARRY 15 MARKS EACH.

ALL ANSWERS SHOULD INCLUDE EXAMPLES WHERE APPROPRIATE.

SECTION 1

ANSWER <u>ONLY ONE</u> (1) QUESTION FROM SECTION 1. EACH CARRIES 20 MARKS.

1. a) Give a comprehensive explanation of what metadata are.
   b) Describe the **FOUR (4)** primary types of metadata and their functions.

   OR

2. Describe the characteristics and the significance of the **FOUR (4)** main types of standards which affect the creation and management of metadata. Give examples for each type.

SECTION 2

ANSWER <u>ANY TWO</u> (2) QUESTIONS FROM SECTION 2. EACH CARRIES 15 MARKS.

3. a) Explain the terms *granularity* and *repeatability* and *functionality* and their significance in deciding on elements for a given digital collection. Use examples for each.
   b) Explain why a variety of element sets have been developed. Describe **ONE (1)** element set other that Dublin Core.

4. Describe the Dublin Core Metadata Element Set. Give four reasons for the development of Dublin Core Metadata Element Set by OCLC at the time it was developed.

5. Explain why it is challenging to decide on the subject content of digital images. Elaborate on **SIX (6)** important guidelines for indexing them.

6. a) Briefly explain the purpose of digital collection management software and give a description of Greenstone Digital Library Software as your example of one.
   b) Using any **FOUR (4)** features you would expect to find in a digital collection management software, write an assessment of Greenstone Digital Library Software.

7. Elaborate on **ALL** of the following. Each carries equal marks.

   - XML
   - Interoperability
   - Linked data

END OF EXAMINATION