



THE UNIVERSITY OF THE WEST INDIES

Semester I Semester II Supplemental/Summer School

Examinations of December /April/May /July 2014

Originating Campus: Cave Hill Mona St. Augustine

Mode: On Campus By Distance

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

Date: **DECEMBER 8, 2014**

Time: **9:00 – 12:00 noon**

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 & 6 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.

ANSWER THREE QUESTIONS. ONE (1) QUESTION MUST BE ANSWERED FROM SECTION 1. QUESTIONS FROM SECTION 1 CARRY 20 MARKS EACH. TWO (2) QUESTIONS MUST BE ANSWERED FROM SECTION 2. QUESTIONS FROM SECTION 2 CARRY 15 MARKS EACH.

ALL ANSWERS SHOULD INCLUDE EXAMPLES WHERE APPROPRIATE.

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DO NOT WRITE OR TYPE ON THE BACK OF THIS SHEET: USE ONE SIDE ONLY

INSTRUCTIONS: Each page must be signed by the First and Second Examiners, and where applicable the University and External Examiners. Completed forms should be handed to the Senior/Assistant Registrar (Examinations). Where applicable, the EXTERNAL EXAMINER is required to sign the question paper and return it with comments, if any, (on a separate sheet), to the Senior/Assistant Registrar (Examinations).

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First Examiner

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University Examiner (where applicable)

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Second Examiner

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External Examiner (where applicable)

Date: 20.../.../.....

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SECTION 1

ANSWER ONE (1) QUESTION FROM THIS SECTION.

EITHER

1. Answer **ALL** parts of this question.
 - a) Define the term *metadata* in its widest sense in the context of digital resources. Explain what a metadata record is made up of and where it may be found.
 - b) Explain and give the significance of the following **THREE (3)** standards for the creation and management of metadata: *data value*; *data content*; *encoding*. Use examples to support your answer.
 - c) Explain the difference between the elements *Creator* and *Contributor* in Dublin Core Metadata Element Set (DCMES).

OR

2. Answer **ALL** parts of this question.
 - a) Explain **FOUR (4)** functions of metadata for digital resources and for each give **TWO (2)** elements that perform that function.
 - b) Explain the terms granularity and repeatability, indicating their significance in the context of metadata for resource discovery. Discuss how each affects the function of a given element, using examples.
 - c) Explain the term *property-value pair* and give two examples one of which must be in XML coding.

SECTION 2

ANSWER TWO (2) QUESTIONS FROM THIS SECTION.

3. Explain what an element set is and why there is such a variety of them. Describe the main features of the Dublin Core Metadata Element Set (DCMES) then discuss two strengths and two weaknesses.
4.
 - a) Elaborate on **THREE (3)** reasons for the importance of standardization as it relates to searching for resources in a digital collection.
 - b) Describe the **FOUR (4)** types of controlled vocabularies typically used in metadata element sets to achieve standardization. Explain which elements typically use any **TWO (2)** of them, giving examples.
5.
 - a) Briefly explain the purpose of digital collection management software.
 - b) Write an assessment of *Greenstone Digital Library* Software using any **FIVE (5)** features you would expect to find in a digital collection management software.
6. Explain the **SIX (6)** steps in designing a metadata scheme as recommended by Stephen J. Miller in *Metadata for Digital Collections*, and elaborate on any **FOUR (4)** steps.

END OF PAPER

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