



THE UNIVERSITY OF THE WEST INDIES

Semester I Semester II Supplemental/Summer School

Examinations of December **/April/May** **/July** **2018**

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

Course Code and Title: **ARCM6008 – DIGITAL CURATION**

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 & 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.

YOU ARE REQUIRED TO ANSWER THREE (3) QUESTIONS.

TWO (2) QUESTIONS MUST BE ANSWERED FROM SECTION A.

ONE (1) QUESTION MUST BE ANSWERED FROM SECTION B.

NB: All questions 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)

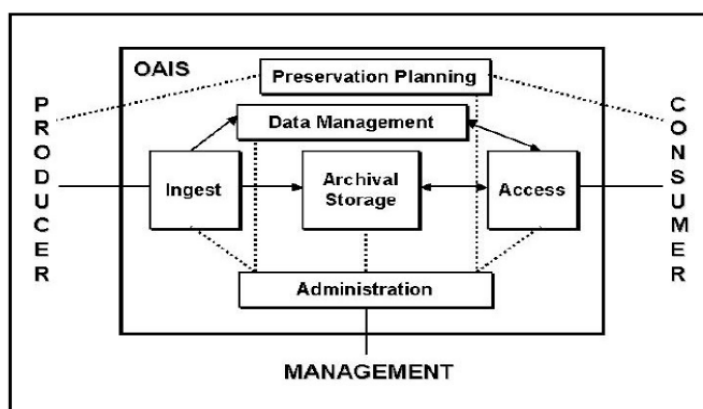
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SECTION A

1. Using **TWO (2)** different types of digital objects as examples, explain **THREE (3)** significant properties of digital objects. (13 marks)
2. Using the figure below, comment on the **SIX (6)** components of the OAIS' functional model. Explain how these components help in the digital curation process. (13 marks)

OAIS: Functional Model



3. Elaborate on **THREE (3)** reasons why a life-cycle management approach should be adopted in long-term digital preservation. Explain **THREE (3)** methods for digital preservation of digital object under this approach. (13 marks)
4. Physical, logical and conceptual are three layers of digital objects. On which of these layers should preservation activities focus for website records? Address **FOUR (4)** challenges of web archiving and state how these can be mitigated. (14 marks)

SECTION B.

5. Elaborate on **FOUR (4)** variables of digital preservation that will affect the design of a digital preservation project. Explain the role of digital preservation policies in the project design process. (14 marks)
6. You are asked to design a digital preservation project plan. Discuss **FOUR (4)** considerations in creating the workflow of the digital preservation project with life cycle concern. (14 marks)

END OF EXAMINATION

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