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Department of Library and Information Studies
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THE UNIVERSITY OF THE WEST INDIES

Semester I Semester II Supplemental/Summer School

Examinations of December /April/May /July 2011

Originating Campus: Cave Hill Mona St. Augustine

Mode: On Campus By Distance

Course Code and Title: **LIBS3501 – AUTOMATION IN INFORMATION WORK II**

Date: December 6, 2011 Time: 4:00 p.m. – 6:00 p.m.

Duration: **2 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 13 pages & 25 questions.

ANSWER ALL QUESTIONS ON THE SPACE PROVIDED ON THE QUESTION SHEET.

Candidates are reminded that the examiners shall take into account the proper use of the English Language in determining the mark for each response.

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3. List any **FIVE (5)** components that would appear in a data dictionary entry for the data element. (2.5 marks)

4. Identify any **FIVE (5)** qualifications which a good systems analyst should possess. (2.5 marks)

5. Place a **T (True)** or an **F (False)** next to each statement below: (3 marks)

Problems that could affect the systems analysis process include:

- (a) Oversimplification of system
- (b) Analyst might not be given enough time to find a solution, and quality suffers
- (c) Physical accommodation inappropriate for analyst

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(d) Popularity of technology hides problems

(e) Demands for improvement usually occur during times of fiscal constraint

(f) Analyst becoming too friendly with participants

6. Draw a simple data flow diagram, illustrating the key elements which make up such a diagram. (4 marks)

7. Distinguish between process modeling and object modeling. (2 marks)

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8. Distinguish between horizontal market software and vertical market software. (1 mark)

9. What is the difference between RFQ, RFP and RFI? (1.5 marks)

10. List the activities which take place during the Detailed Design phase of the System Development Life Cycle. (1.5 marks)

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13. Give **ONE (1)** characteristic for each of the conversion strategies that can be employed when changing over to a new system. (2 marks)

14. Briefly discuss any **TWO (2)** activities which take place during the Support Phase of the Systems Development Life Cycle. (2 marks)

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15. Identify **THREE (3)** types of startup costs and **THREE (3)** types of recurring costs when implementing an information system. (3 marks)

16. What are **FIVE (5)** types of losses that can be incurred as a result of security failure? (2.5 marks)

17. Briefly discuss any **TWO (2)** information design principles that would need to be considered when creating documentation for a system. (2 marks)

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23. Briefly discuss any **TWO (2)** network management issues. (2 marks)

24. Give any **THREE (3)** functions of network interface cards. (1.5 marks)

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25. Briefly discuss **THREE (3)** improvements in business processes that telecommunications can bring. (3 marks)

END OF QUESTION PAPER