



**THE UNIVERSITY OF THE WEST INDIES**

Semester I  Semester II  Supplemental/Summer School

**Examinations of December  /April/May  /July  2008**

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

Mode: **On Campus**  **By Distance**

Course Code and Title: **LIBS3501 – Automation in Information Work II**

Date: Time:

Duration: **2 Hours.** Student ID# .....

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 9 pages & 25 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 ALL QUESTIONS IN THE SPACES PROVIDED.**

1. Explain the difference between a repeatable field and a sub-field in WINISIS, and describe how sub-fields are designated. **(2 marks)**

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2. Give **ONE (1)** characteristic of any **FIVE (5)** types of databases. **(5 marks)**

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3. Briefly explain currency of coverage and critical mass in developing the contents of a database. **(2 marks)**

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4. What would you consider to be **FOUR (4)** of the most critical skills in the qualifications of a good systems analyst? **(2 marks)**

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5. “Good librarians are well equipped to be good systems analysts.” Provide **FOUR (4)** reasons to justify this statement. **(2 marks)**

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6. Give **TWO (2)** advantages and **TWO (2)** disadvantages of questionnaires in data collection. **(2 marks)**

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7. Identify **FOUR (4)** strategies you would employ in preparing for interviews in the data collection process. **(2 marks)**

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8. Define System Development Life Cycle (SDLC). (1 mark)

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9. What is the purpose of the system proposal in the SDLC? (2 marks)

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10. Give TWO (2) reasons why a systems analyst would recommend the use of custom software, and suggest TWO (2) disadvantages of this software. (3 marks)

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11. Distinguish between operational feasibility and financial/economic feasibility in systems design. (2 marks)

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12. State what is the purpose of the implementation phase in SDLC and name the **FOUR (4)** major activities in this phase. **(3 marks)**

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13. What are the **FOUR (4)** strategies for conversion during the implementation phase, and which would you say is the best? **(3 marks)**

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14. Explain what takes place in the post-implementation system review of the support phase. **(2 marks)**

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15. Briefly discuss system enhancement in the post-implementation phase and any immediate implication this might have for the organization. (2 marks)

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16. List any **FOUR (4)** startup costs and any **FOUR (4)** recurring costs for an automated system. (4 marks)

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17. Name **TWO (2)** areas of librarianship in which expert systems can be employed, giving **TWO (2)** advantages to support your answer. (2 marks)

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18. Discuss **THREE (3)** limitations of expert systems. **(1.5 marks)**

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19. Why is user documentation needed for an information system? **(1 mark)**

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20. Give **FIVE (5)** examples of user documentation. **(2.5 marks)**

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21. Give **FIVE (5)** major benefits of digital libraries. **(5 marks)**

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22. Identify any **FOUR (4)** types of software needed to digitize documents, and briefly state the purpose of each. **(2 marks)**

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23. Name **FOUR (4)** ways in which telecommunications can facilitate better communication for Caribbean libraries. **(2 marks)**

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24. Give **FOUR (4)** innovative ways in which Caribbean librarians can use podcasting to enhance library services. **(2 marks)**

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25. Name any **THREE (3)** Local Area Network (LAN) security services and give a brief description of each. **(3 marks)**

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**END OF QUESTION PAPER**

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