



LIBRARY
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 **2009**

Originating Campus: Cave Hill Mona St. Augustine

Mode: On Campus By Distance

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

Date: Time: Monday December 14, 2009 4:00–6:00pm
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 10 pages & 30 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 SPACE PROVIDED ON THE QUESTION PAPER.

1. Give **ONE (1)** similarity and **ONE (1)** difference between bibliographic and full-text databases. (1 mark).

ID# _____

2. Briefly discuss any **THREE (3)** content criteria that should be considered when developing a database. (3 marks)

3. Define the term “data element” and list any **FOUR (4)** its features that should be included in its entry in a data dictionary. (2 marks)

4. Identify any **FOUR (4)** features of the CDS/ISIS software that make it particularly useful in the context of libraries. (2 marks)

ID# _____

5. What is a project dictionary and what is its purpose? (2 marks)

6. Give **THREE (3)** reasons for analyzing a system. (1.5 marks)

7. List any **THREE (3)** types of people who may be involved in the systems analysis process, briefly stating the function of each. (3 marks)

8. State any **THREE (3)** problems that could affect systems analysis. (1.5 marks)

ID# _____

9. What are **THREE (3)** questions that should be asked to determine if a project is technically feasible? (1.5 marks)

10. Provide **ONE (1)** advantage and **ONE (1)** disadvantage each for any **TWO (2)** data gathering tools. (2 marks)

11. Identify any **THREE (3)** ways in which vendor proposals can be tested and evaluated. (1.5 marks)

ID# _____

12. Give **TWO (2)** advantages and **TWO (2)** disadvantages of direct conversion, during the Implementation Phase of the Systems Development Life Cycle. (2 marks)

13. What are the **FOUR (4)** major activities which take place during the Support Phase of the Systems Development Life Cycle? (2 marks)

14. Identify any **FOUR (4)** aspects of infrastructure planning and provision that will need to be considered when building an information system. (2 marks)

ID# _____

15. Name **FOUR (4)** types of losses that can be incurred as a result of a breach of security.
(2 marks)

16. List **FOUR (4)** categories of countermeasures that can be taken to deal with security risks. (2 marks)

17. Give a one-sentence description of each component of an expert system. (1.5 marks)

ID# _____

18. Name any **TWO (2)** areas in library and information science where expert systems may be used, briefly stating why. (2 marks)

19. What are the **FIVE (5)** basic services that a LAN security service should provide? (2.5 marks)

20. Give **FIVE (5)** ways in which a network accounting system can charge users. (2.5 marks)

ID# _____

21. List any **FIVE (5)** criteria that you would use to select a document delivery service. (2.5 marks)

22. Identify the steps involved in converting printed materials into digital format. (2.5 marks)

23. Give any **FIVE (5)** benefits of digital libraries. (2.5 marks)

ID# _____

24. Identify the types of equipment that will be needed in a typical digital library project.
(2.5 marks)

25. Provide **THREE (3)** improvements in business processes that telecommunications can bring. (1.5 marks)

26. What is a value-added network? (1 mark)

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

ID# _____

28. Define the term “podcasting” and identify **THREE (3)** ways in which libraries can use this technology. (2 marks)

29. Identify any **FIVE (5)** features you would use to evaluate a weblog. (2.5 marks)

30. Give **TWO (2)** advantages and **TWO (2)** disadvantages of wikis. (2 marks)

END OF PAPER