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THE UNIVERSITY OF THE WEST INDIES

Semester I Semester II Supplemental/Summer School

Examinations of December /April/May /July 2012

Originating Campus: Cave Hill Mona St. Augustine

Mode: On Campus By Distance

Course Code and Title: **LIBS1501: COMPUTER LITERACY FOR
INFORMATION PROFESSIONALS**

Date: **Friday, December 21, 2012**

Time: **9:00 – 11:00 a.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 7 pages & 24 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 ON THE SPACE PROVIDED ON THE
QUESTION PAPER.**

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1. Briefly discuss the application of any **TWO (2)** of Ranganathan's Laws of Library Science as they relate to the use of information technology in libraries. (2 marks)

2. Give **TWO (2)** defining characteristic of the information society. (2 mark)

3. Define an information system and identify its main components. (3 marks)

4. Explain the following as they apply to the quality of information:

○ Accuracy

○ Completeness

○ Relevance

5. Briefly explain **THREE (3)** ways in which computers have revolutionized work in the modern society. (3 marks)

6. Give **THREE (3)** reasons you might choose to use GUI instead of a Command Line Interface. (3 marks)

7a. What is “WIMPs”? (1 mark)

7b. Make short notes on any **TWO (2)**. (2 marks)

8. Name the material from which the processor chip is made and state why this material is ideally suited for this purpose. (2 marks)

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9. Put **T (True)** or **F (False)** next to each statement below. (2 marks)

- a. Mainframe computers were originally designed for computer intensive tasks such as molecular modeling. _____
- b. Supercomputers are the fastest and most expensive computer type. _____

10. Name the **TWO (2)** types of programming languages and explain **TWO (2)** differences between them. (3 marks)

11. State **FOUR (4)** objectives of an Operating System. (4 marks)

12. What is the meaning of the following: (1 mark)

- a. ASCII

- b. EBCDIC

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13. Explain the reasons for the creation of UNICODE. (3 marks)

14. Distinguish between storage device and storage medium. (2 marks)

15. Distinguish between a field and a record. (2 marks)

16. Give **THREE (3)** purposes served by an external hard disk. (3 marks)

17. Define the term computer network. (1 mark)

18. State **FOUR (4)** purposes for establishing a networking system and make short notes on each. (4 marks)

19. Explain the term VAN and state its function. (2 marks)

20. Identify **TWO (2)** types of networking architecture. (1 mark)

21. (a) What is the 'Bus' in the Bus Network? (1 mark)

(b) State the similarities between Bus network and the Star network. (3 marks)

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22. Name any **THREE (3)** threats to which computers may be exposed when accessing the Internet and suggest **ONE (1)** way of dealing with each. (3 marks)

23. Give **THREE (3)** ways in which web search engines differ from subject directories. (3 marks)

24. Recommend any **FOUR (4)** types of application software which a novice computer user may wish to install on his/her computer, briefly stating why **EACH** is important. (4 marks)

END OF PAPER

