



SOUTH EASTERN UNIVERSITY OF SRI LANKA

001

CENTRE FOR EXTERNAL DEGREES AND PROFESSIONAL LEARNING

FIRST EXAMINATION IN BACHELOR OF BUSINESS ADMINISTRATION (EXTERNAL)  
2011/2012

HELD IN APRIL/MAY, 2013

**BBA 12 (I)- COMPUTER LITERACY AND BASIC APPLICATION -1**

Duration: **02 hours**  
Answer all Questions

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**Question 1**

- a) Explain the difference between data and information. How do these two terms relate to the classic computer concept of "Garbage in, Garbage out"?
- b) Explain how ICT contributes to an organization.
- c) What is the difference between primary and secondary memory.
- d) What are the main advantages of storing an application in the memory of a computer?

(24 Marks)

**Question 2**

- a) Draw a Block diagram of the general structure of a computer.
- b) Describe the main functions of each of the main structural components in the diagram.
- c) List the differences between application software and system software. Give example for each
- d) Explain why a computer is not useful without the system software.

(24 Marks)

**Question 3**

- a) Discuss the implications of using illegal software.
- b) Explain the main network topologies and compare their advantages and disadvantages?
- c) Define information browsing using internet. What facilities does a browser provide?
- d) Describe computer viruses with examples.

(24 Marks)

**Question 4**

a) Find the decimal equivalent of the following binary numbers.

i) 11010110

ii) 111011

(2 Marks)

b) Convert  $5749_8$  to Decimal, Binary, and Hexadecimal Numbers.

(4 Marks)

c) Solve the following problems

i)  $10111_2$

+  $11111_2$

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ii.  $16_8$

+  $21_8$

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iii.  $68_{16}$

+  $97_{16}$

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(6 Marks)

d) Write short notes to the following

i) Compiler and interpreter

ii) Fifth Generation of computer

iii) LAN and WAN

iv) Application software

(16 Marks)

(Total 28 Marks)