



SOUTH EASTERN UNIVERSITY OF SRI LANKA

**FIRST YEAR EXAMINATIONS IN BUSINESS ADMINISTRATION /
COMMERCE (EXTERNAL) – 2009/2010
HELD IN AUGUST 2010**

BBA/COM 12 (I) – COMPUTER LITERACY AND BASIC APPLICATIONS – I

Answer all Questions

Time: 02 Hours

01.

Choose the correct answer

1. Which type of computer is used to process large amounts of corporate data?
 - i. Notebook
 - ii. Mainframe
 - iii. Mini computer
 - iv. Desktop

2. Which of the following was conceived by Charles Babbage that embodies the key features of modern computers?
 - i. Analytic engine
 - ii. Analytic computer
 - iii. Different engine
 - iv. Tabulating Machine

3. Which is the best way of protecting a computer system from unauthorized use?
 - i. Ensuring all users have passwords
 - ii. Locking the office
 - iii. Using a screen saver
 - iv. Maintaining an audit trail

4. Which upgrade will have the most impact on the performance of your computer?
 - i. Adding more RAM
 - ii. Reducing the peripheral devices
 - iii. Adding a network card
 - iv. Fitting a second hard disk

5. What is the MSB and LSB of the binary equivalent of 178?
 - i. 1 and 1
 - ii. 1 and 0
 - iii. 0 and 1
 - iv. 0 and 0

Input 1	Input 2	Output
0	0	0
0	1	0
1	0	1
1	1	1

6. The e-Sri Lanka project is implemented by

- i. Sri Lankan Universities
- ii. CINTEC
- iii. ICTA
- iv. Schools

7. The most common form of RAM is:

- i. Dynamic RAM
- ii. Static RAM
- iii. Video RAM
- iv. Virtual RAM

8. How often does a memory controller automatically refresh memory in dynamic RAM?

- i. Once every minute
- ii. A few times per second
- iii. Thousands of times per second
- iv. Once every 5 minutes

9. What does BIOS stand for?

- i. Biological Internet operating system
- ii. Binary inner/outer stages
- iii. Basic input/output system
- iv. Basic input operating system

10. Which type of system is used to provide information for employees within a company?

- i. Internet
- ii. Intranet
- iii. Extranet
- iv. Electronic mail

11. What is the binary equivalent of 156?

- i. 11011011
- ii. 10111000
- iii. 10110010
- iv. 10010011

12. Select the operating represented by the following truth table

Input 1	Input 2	Output
0	0	0
0	1	1
1	0	1
1	1	1

- i. OR Gate
- ii. AND Gate
- iii. NOT Gate
- iv. EXOR Gate

13. What is the output of adding the binary numbers: 10011 and 1001?

- i. 10001
- ii. 11100
- iii. 11000
- iv. 01110

14. Which of the following is not computer language

- i. ALGOL
- ii. C++
- iii. FORTRAN
- iv. UNIX

15. Which of the following is an input device?

- i. Hard Disk
- ii. CD Rom
- iii. USB Pen
- iv. Mouse

16. Which of the following is not a hardware component?

- i. Power supply unit
- ii. Keyboard
- iii. Motherboard
- iv. RAM

17. Which of the following is a peripheral device?

- i. RAM
- ii. Hard Disk
- iii. Mouse
- iv. System Battery

18. Which of the media has highest data transfer rate?

- i. Hard Disk
- ii. CD
- iii. USB Pen
- iv. RAM

19. Which of these describes a computer program?

- i. An input device
- ii. A set of instructions
- iii. An interactive user guide
- iv. A help system

20. Which type of system would use bar code input?

- i. Payroll
- ii. Invoicing
- iii. Training
- iv. Supermarket

(1.5 X 20 =30 Marks)

02.

a. What is a bit in computer terminology?

(01 Marks)

b. What do you mean by the term Information Technology? How does it contribute in Business Education, and Banking?

(09 Marks)

c. List out some of the advantages of Integrated Circuits (IC) Technology over Transistor Technology?

(05 Marks)

d. Give the full form of the following abbreviations used in computer terminology?

- i. EDVAC
- ii. EPROM
- iii. EDSAC
- iv. UNIVAC

(04 Marks)

	Input 1	Input 2	Output
0	0	0	0
0	1	1	1
1	0	0	1
1	1	1	1

03.

- a. What do you mean by Hardware, System Software, and Application software? Give five examples for each? **(09 Marks)**
- b. What are the main functions of Control Unit and Arithmetic Logic Unit? **(06 Marks)**
- c. What is secondary storage? How does it differ from a primary storage? **(06 Marks)**

04.

- a. Hardware and software of computer system are like two sides of a coin. Discuss? **(06 Marks)**
- b. What are the advantages and limitations of machine language? **(04 Marks)**
- c. What is an interpreter how does it differ from a compiler? **(05 Marks)**
- d. Explain the functions of the following components
- i. VGA Card
 - ii. Mother Board
 - iii. RAM
 - iv. PCI slots
 - v. NIC Card

(03 X 5 = 15 Marks)