

**EASTERN UNIVERSITY SRI LANKA**  
**FACULTY OF COMMERCE AND MANAGEMENT**  
**FIRST EXAMINATION IN BBA/BCOM - 2016/ 2017**  
**FIRST SEMESTER (July / August - 2018)**  
**MGT 1012 – INTRODUCTION TO IT**  
**THEORY (REPEAT)**

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**Answer all questions**

**Time allowed: 02 hours**

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**Q1.**

- A. What do you understand by the term **System**? Give four examples for system. (20 Marks)
- B. Briefly explain the components of a system? (15 Marks)
- C. List five qualities of the information with suitable example (20 Marks)
- D. Define the following terms;
  - a. Data;
  - b. Information;
  - c. Information Communication Technology (ICT). (15 Marks)
- E. Define the term Software. The computer software is classified into two broad categories, explain them with suitable examples. (20 Marks)
- F. Write down some demerits of ICT. (10 Marks)

**Q2**

- A. What is computer? Draw the block diagram of a computer. (30 Marks)
- B. Computer can be classified into two broad categories. Explain. (20 Marks)
- C. Name the main components of a Central Processing Unit (CPU) and briefly describe their functions. (15 Marks)
- D. What are the various devices used to store data in a computer? Give a classification of storage devices. (15 Marks)
- E. List the functions of an operating system. (10 Marks)

**Q3.**

A. Write down the expansion of the following devices and their functions.

- a. OMR;
- b. OCR;
- c. MICR;
- d. CCTV.

(20 Mark

B. Compare and contrast the 3<sup>rd</sup> and 4<sup>th</sup> generation of Computers.

(20 Mark

C. Briefly describe the five features of the Computer.

(15 Mark

D. Convert the following into Binary (Show appropriate steps):

- a.  $(888)_{10}$ ;
- b.  $(087.89)_{10}$ ;
- c.  $(0.4528)_{10}$ .

(15 Mar

E. Convert the following into Octal (Show appropriate steps):

- a.  $(985)_{10}$ ;
- b.  $(785.245)_{10}$ ;
- c.  $(FAFD2)_{16}$ .

(15 Mar

F. Convert the following into Hex (Show appropriate steps):

- a.  $(985)_{10}$ ;
- b.  $(757)_8$ ;
- c.  $(111010101110100)_2$ .

(15 Mar

**Q4.**

A. What do you understand by the term **Computer Network**?

(10 Mar

B. What are the advantages of connecting the Computers by a network?

(15 Mar

C. Write down the advantages and disadvantages of the Internet and e-mail.

(15 Mar

D. Write down the short notes of the following:

- a. Computer Virus,
- b. Spyware,
- c. Malware.

(30 Marks)

E. E-Commerce advantages can be broadly classified in three major categories.

- a. Advantages to Organizations
- b. Advantages to Consumers
- c. Advantages to Society

Explain the advantages of each category.

(30 Marks)