EASTERN UNIVERSITY SRI LANKA
FACULTY OF COMMERCE AND MANAGEMENT
FIRST EXAMINATION IN BBA/BCOM - 2017/ 2018
FIRST SEMESTER (July / August - 2019)
MGT 1012 – INTRODUCTION TO IT
THEORY EXAMINATION - REPEAT

swer all questions   **Time allowed: 02 hours**

1.

   a. Compare and contrast the 2nd and 3rd generation of Computers.   (5 Marks)

   b. Draw the Block Diagram of the Computer.   (5 Marks)

   c. Write down five features of the Computer.   (4 Marks)

   d. What is cache memory and explain with appropriate diagram how it is works?

                                                                  (5 Marks)

   e. Write down the expansion of the following devices and their functions:

      i.   MICR,

      ii. OMR, and

      iii. BIOS.   (6 Marks)

2.

   a. Computer can be classified into two broad categories. Explain them.   (5 Marks)

   b. What are the various devices used to store data in a computer? Give a classification

      of storage devices.   (5 Marks)

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

      i. $(125.25)_{10}$, and

      ii. $(0.1010)_8$.   (5 Marks)

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

      i. $(638.345)_{10}$, and

      ii. $(FDCF8D)_{16}$.   (5 Marks)

   e. Draw a truth table for $\overline{W}(X + Y)Z$.   (5 Marks)

3.

   a. Name the main components of a Central Processing Unit (CPU) and briefly describe

      their functions.   (6 Marks)

   b. List the five functions of an operating system.   (5 Marks)

c. List two types of operating system with aid of suitable examples. (6 M

d. Define the term Software. The computer software is classified into two categories, explain them with suitable examples. (5 M

e. Write down three demerits of ICT. (3 M

4.

a. What do you understand by the term **Computer Network**? (5 M

b. What are the advantages of connecting the Computers by a network? (5 M

c. Write down the advantages and disadvantages of the Internet. (5 M

d. Write down the short notes of the following:

    i. Spyware, and

    ii. Malware. (5 M

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

    i. Advantages to Organisations, and

    ii. Advantages to Consumers.

Explain the advantages of each category. (5 M