EASTERN UNIVERSITY, SRI LANKA

FIRST YEAR FIRST SEMESTER EXAMINATION IN BACHELOR OF

BUSINESS ADMINISTRATION / COMMERCE - 2013/2014

(September, 2015)

(PROPER/ REPEAT/RE-REPEAT)

MGT 1012 –INTRODUCTION TO INFORMATION TECHNOLOGY

(Theory)

ANSWER ALL QUESTIONS   TIME: 2 HOURS

Q1)

1) Define what is *Computer* & draw the block diagram of a computer system.

(6 marks)

2) Name the main components of a *Central Processing Unit* (CPU) and briefly describe their functions. (9 marks)

3) Compare and contrast (i.e., similarities and differences) *Data* and *Information* using suitable examples. (4 marks)

4) Excessive use of computer and communication technology may affect your health. Give four health effects that may arise due to extensive and incorrect use of computers. (4 marks)

5) Name two activities that are helpful in preventing loss of data in a computer.

(2 marks)

Q2)

1) Define the terms *Software* and *Hardware*. (6 marks)

2) Briefly explain the importance of an operating system (OS). (6 marks)

3) Give examples of five popular OS. (5 marks)

4) Name three storage devices which retain the data only when the power is on.

(3 marks)

5) Expand the following terms:

(5 marks)

      i. UPS;

     ii. ASCII;

   iii. OCR;

   iv. ICT;

    v. UTP.

Q3)

1) Define clearly the term *Computer Network*. (4 marks)

2) What is a *MODEM*? Describe its usage. (5 marks)

3) State the difference between the each of the following pair terms: (9 marks)

      i. *Internet* and *Intranet*

     ii. *Compiler* and *Interpreter*;

   iii. *Soft copy* and *hard copy*.

4) Give examples of three popular search engines. (3 marks)

5) Give two reasons why data held on a network system is more likely to be misused than the data held on standalone computers. (4 marks)

Q4)

1) Define clearly the terms *Electronic commerce* and *Mobile commerce*. (4 marks)

2) State four advantages of Electronic commerce over traditional commerce.

(4 marks)

3) Briefly describe three differences between *Mobile learning* and *Electronic learning*. (6 marks)

4) Give five ways to protect the computer from virus. (5 marks)

5) Convert each of the following numbers into *octal* numbers. (6 marks)

    i. $2BA3_{16}$

    ii. 356_{10}

    iii. 1101001101_{2}