



UNIVERSITY OF KELANIYA – SRI LANKA

Centre for Distance and Continuing Education

FACULTY OF COMMERCE & MANAGEMENT STUDIES

Bachelor of Commerce (Special) Degree First Year Examination (External) – 2011

August/September 2013

Year I

BCOM E1063 – Introduction to e-Commerce & Information Technology

No. of questions: Five (05)

Times: 03 hours

Answer all questions.

(01)

(a) Data, information and information technology are three different concepts which can be seen in computer world. Briefly explain.

(04 Marks)

(b) “The computer is an automatic electronic device for making calculations or controlling operations that expressible in numerical or logical terms”. Identify five different characteristics or roles of a computer.

(05 Marks)

(c) Explain the relationship between hardware and software in a computer system.

(05 Marks)

(d) What is the role of the memory in a computer? Briefly explain the two types of memory.

(06 Marks)

(Total 20 Marks)

(02)

a) Identify four different types of operating system categories.

(04 Marks)

b) Draw a simple hierarchy to indicate the main types of software.

(04 Marks)

c) As the students, what are the varieties of usages of application software for you?

(06 Marks)

d) “Programming software, System software and Application software are the three main types of computer software. Out of them, system software is more important to a computer system than others.”Do you agree with this statement? Give reasons for your answer.

(06 Marks)

(Total 20 Marks)

(03)

- a) A network can be identified as a collection of entities that exchange information or goods. What do you mean by a computer network?
(03 Marks)
- b) Briefly explain the role of telecommunication processors in a computer network and mention an examples for them.
(04 Marks)
- c) What are the disadvantages of computer networks?
(05 Marks)
- d) Briefly describe the common network topologies. Use simple diagrams if it is required.
(08 Marks)
(Total 20 Marks)

(04)

- a) Distinguish the email address and the website address.
(02 Marks)
- b) Each web page has its own URL. Do you agree with the statement? What is a URL?
(03 Marks)
- c) Briefly explain about the hypertext links in a web page?
(05 Marks)
- d) Indicate the difference between the web browser and the web search engine.
(05 Marks)
- e) Briefly describe the importance of e-commerce in business world with examples.
(05 Marks)
(Total 20 Marks)

(05)

- a) Define the term "information system".
(02 Marks)
- a) Explain, how the decisions are differ which are taking according to the different management levels in an organization.
(04 Marks)
- b) What is the importance of knowledge workers and knowledge management system for an organization?
(06 Marks)
- c) Briefly explain the different types of information systems from functional perspectives.
(08 Marks)
(Total 20 Marks)