University of Sri Jayewardenepura

2011 - B.Sc. Business Administration (General) External Degree Part I Examination (May 2014)

BME 1504: Introduction to Information Technology

Time: Three (03) Hours. Answer all questions.

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01. a) List three (03) types of computers. (03 Marks)

b) What is meant by ethics? Briefly describe using an example. (04 Marks)

c) "Cloud computing is a combination of computers and communications technology" Do you agree with this statement? Explain. (05 Marks)

d) Briefly describe four (04) advantages and disadvantages of distance learning. (08 Marks)

(Total Marks 20)

02. a) List three (03) types of Internet access providers. (03 Marks)

b) Explain the difference between web-based email and email programs (email clients) providing examples for each. (06 Marks)

c) What is a Uniform Resource Locator? Briefly explain. Also provide an example and name the different sections of a URL. (05 Marks)

d) Describe three (03) types of web search tools. (06 Marks)

(Total Marks 20)

03. a) Briefly describe the protocol used for file transferring over the Internet. (03 Marks)

b) What is the wireless connection type you would suggest for connecting to the Internet in areas where the wired connection is not available and also the cellular network is out of range? Justify your answer while describing the suggested connection type. (05 Marks)

c) Briefly explain two (02) applications of electronic commerce. (04 Marks)

d) Describe the below terms.

i. Snooping
ii. Phishing
iii. Pharming
iv. Spyware

(08 Marks)

(Total Marks 20)

04. a) What is meant by a "utility program"? Briefly describe. (02 Marks)

b) Operating system is the principal component of system software. Booting-up is one task of operating system. Explain what booting-up is and briefly describe the steps involved in it. (06 Marks)

c) Briefly describe three (03) areas that are managed by operating system when it comes to CPU management. (06 Marks)

d) Briefly describe three (03) types of specialty software while providing examples for each. (06 Marks)

(Total Marks 20)

05. a) Distinguish between the "Public domain software" and "Freeware". (04 Marks)

b) Distinguish between a database and database management systems. (04 Marks)

c) Describe how information technology assists functions of a government. (06 marks)

d) Describe three (03) different multimedia elements that can be found in web sites. (06 marks)

(Total Marks 20)

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