



THE OPEN UNIVERSITY OF SRI LANKA
BACHELOR OF MANAGEMENT STUDIES (LEVEL 4)
FINAL EXAMINATION: February 2008
COMPUTERS AND INFORMATION SYSTEMS IN BUSINESS
MCU 2209
DURATION: THREE (03) HOURS

This paper contains SIX questions and has TWO PAGES.

Date: 17th February, 2008

Time: 1.30 p.m. – 4.30 p.m.

Answer any FIVE (05) questions. Each question carries 20 marks.

Always start questions in a new page.

- (1)
 - (i) With examples explain 'computer software' and 'computer hardware'.
 - (ii) 'Computer systems cannot function without computer software and computer hardware.' Do you agree? Using suitable examples explain your answer.
 - (iii) Explain the role of live-ware (humanware) with the functioning of computer systems.

- (2)
 - (i) 'Data has to be processed for information.' Comment on this statement.
 - (ii) Explain the composition of a database. Illustrate your answer with an example of a student database of a university.
 - (iii) Explain three types of databases with their merits and demerits.

- (3)
 - (i) Explain the different characteristics of information and information needs of managers at different hierarchical levels in the organizational structure.
 - (ii) Describe the different computer based information systems and explain the potential uses and users of the above said systems.

- (4) (i) What are the different types of computer networks? Explain with suitable illustrations.
- (ii) Explain the benefits of computer networks for organizations.
- (iii) Distinguish between intranet and internet.
- (iv) What are the major services available with the Internet? Explain how business organizations are benefited by these services.
- (5) (i) Explain the benefits of E-commerce to a commercial organization.
- (ii) Discuss the changes that have to be made to an organizational system in order to adopt e-commerce based systems.
- (iii) Describe B2B, B2C and C2C in relation to ecommerce.
- (6) Attempt any four (04) of the following in relation to information and communications technology.
- (i) Distinguish between Super computers, Mainframe computers, Personal computers and notebook computers.
- (ii) Discuss the different types of input devices used to feed data and instructions to computer systems.
- (iii) Explain digital data storage mechanisms used with modern computer systems
- (iv) What are the possible computer application that could be used by the Government of Sri Lanka?
- (v) Explain the enterprise resource planning systems.
- (vi) Explain the potential benefits of investments in information and communication technology to modern business organizations.

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