



THE OPEN UNIVERSITY OF SRI LANKA
BACHELOR OF MANAGEMENT STUDIES (LEVEL 4)
FINAL EXAMINATION: February 2009
COMPUTERS AND INFORMATION SYSTEMS IN BUSINESS
MCU 2209
DURATION: THREE (03) HOURS

This paper contains SIX questions and has TWO PAGES.

Date: 28th February, 2009

Time: 1.30 pm – 4.30 pm

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

Always start questions in a new page.

- (1) Consider following statement and answer questions given below.
'A computer system works as a comprehensive entertainment system enabling to play video games, listen to music, watch movies, edit and create pictures and movies and it also acts as a communication center.'
- (i) Explain the above statement.
Identify what type of computer peripherals can make a general purpose computer to function as an entertainment system.
- (ii) What peripherals are needed for a computer to work as a communication center?
- (iii) Identify the different software that enables the users to make their computers to work as entertainment systems.
- (2) (i) Explain the key functions of computer software.
(ii) Compare and contrast application software and systems software. Give suitable examples.
(iii) An organization may seek several sources to fulfill their software requirements. Do you agree? Give reasons.

- (3) (i) Explain the need for databases for those engage in electronic information processing systems.
- (ii) With suitable illustrations, describe the following bringing out their key features, advantages and disadvantages.
Traditional databases, relational databases, network databases
- (iii) "Hypermedia databases can fulfill the most needed information requirements for today's organizations". Discuss.
- (4) Depending on the level of responsibilities, we can see three main decision making levels in organizations as operational, managerial and strategic levels.
- (i) Explain key features of these decision making levels.
- (ii) Discuss different types of electronic information systems which support personnel at each decision making levels.
- (iii) Explain different types of computer network with suitable illustrations.
- (5) (i) What are the basic needs a company has to fulfill when it intends to enter into e-commerce?
- (ii) Discuss the different forms of e-commerce that takes place in businesses under electronic environment.
- (iii) What are the different forms of payment mechanisms available for organizations engage in e-commerce?
- (iv) Describe the limitations of carrying out e-business in Sri Lanka today.
- (6) Attempt any four (04) of the following in relation to information and communications technology.
- (i) Explain random access and sequential access memory devices.
- (ii) Discuss different generation of computer software.
- (iii) Explain the composition of a database.
- (iv) Explain different types of output devices that makes hard and soft outputs
- (v) Open source software