THE OPEN UNIVERSITY OF SRI LANKA

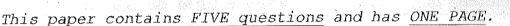**BACHELOR OF MANAGEMENT STUDIES (LEVEL 4)**

ASSIGNMENT TEST: November 2010

COMPUTERS AND INFORMATION SYSTEMS IN BUSINESS

MCU 2209

DURATION: TWO (02) HOURS

This paper contains FIVE questions and has ONE PAGE.

Date: 20th November, 2010	Time: 2.00 pm – 4.00 pm

Answer any FOUR (04) questions. All questions carry equal marks (25 Marks each).

- *State your student registration number in each answer script.*
- *Always start answering questions in a new page. Use legible handwriting.*
- *If more than four questions are answered, only the first four questions attempted will be evaluated.*

(1)   (i)   Explain the key role of output devices of a computer system. Identify the different output devices a general purpose computer system has (other than computer printers) and the functionalities of the said devices.

      (ii)   What are the different types of printing devices that are used with computers systems? Explain them with their technologies, the suitable applications and associated relevant cost factors.

(2)   (i)   Explain how information is different from data.

      (ii)   Explain the hierarchical and network databases and compare the advantages and disadvantages of the said databases structures.

(3)   (i)   Using suitable examples explain 'random access memory' and 'read-only memory" associated with computer systems.

      (ii)   What are the different types of secondary storage devices that are commonly used with general purpose computers? Give suitable examples. Explain the costs and benefits associated with the said different storage devices.

(4)   (i)   Explain the role of input devices for a computer system.

      (ii)   Identify and explain the specific use of following devices; keyboard, mouse, scanner, microphone, bar code reader, finger scanner, web camera.

(5)   Explain the **any three (3)** of the following in relation to information and communications technology.

      (i)   Multifunction devices

      (ii)   Sequential and random access files.

      (iii)   Application software and system software.

      (iv)   Basic structure of a central processing unit of a computer system.

      (v)   Devices used to link computers with computer networks.