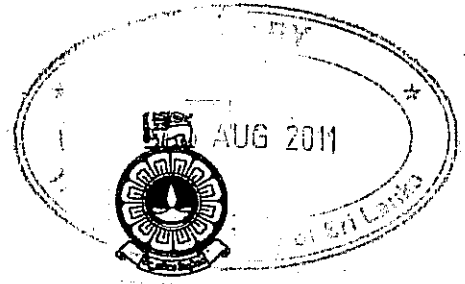


THE OPEN UNIVERSITY OF SRI LANKA  
B.Sc. DEGREE PROGRAMME  
CSU1179 – INTRODUCTION TO INFORMATION SYSTEMS  
CLOSED BOOK TEST(CBT) – 2010/2011  
DEPARTMENT OF MATHEMATICS & COMPUTER SCIENCE  
DURATION: 1 ½ HOURS



Date: 04. 05. 2011

Time: 4.00 pm – 5.30 pm

Answer ALL Questions

Q1.

- I. A student needs to decide whether a machine is *intelligent*. Describe a suitable test for this purpose, and explain a test to decide that it is not intelligent.
- II. Explain the term *Knowledge*.
- III. What is Knowledge Engineering?

Q2.

- I. What is an Expert system? Write its advantages.
- II. Identify the major components of an expert system, and briefly explain the process of each component.
- III. Write short notes for the following terms;
  - a) Hybrid systems
  - b) MYSIN
  - c) GT (Generic Tasks)

Q3.

- I. Compare & contrast two types of Internet connections.
- II. What are the two forms of writing IP addresses in the form of names?
- III. Write the tasks which are performed by a Client and Server.
- IV. Give five examples for *email clients*.
- V. Define Agent Technology. What are the two major types of agents?
- VI. Explain the following terms;
  - a) Remote login
  - b) LAN
  - c) List servers

\*\*\* All Rights Reserved \*\*\*