

THE OPEN UNIVERSITY OF SRI LANKA
B.SC. DEGREE PROGRAMME
CLOSED BOOK TEST – 2009/2010
CSU1179 – INTRODUCTION TO INFORMATION SYSTEMS
DURATION: 1 ½ HOURS



Date: 05. 05. 2010

Time: 4.00 pm – 5.30 pm

Answer ALL Questions

Q1.

- I. Describe the *Turing Test of Intelligence* and *John Searle's Chinese room Argument*.
- II. What is a *Hybrid System*? Discuss its advantages.
- III. State six aspects of knowledge, in knowledge acquisition.

Q2.

- I. What are the essential components in knowledge based system or an expert system. Briefly describe them.
- II. Write four expert systems and give the use of each of them.
- III. What is an Expert system shell?
- IV. What is KADS? What are the four layers of it? Describe the role of each layer.
- V. "Some people believe expert systems replace human experts, but in fact expert systems assist users to perform their tasks". Prove this comment at least giving five reasons.

Q3.

- I. What is the Internet? Give two advantages and two disadvantages of it.
- II. Compare & contrast three types of computer networks.
- III. What are the two forms of writing IP addresses?
- IV. What are the two types of Internet connections?
- V. Write two examples for *List servers* from Sri Lanka.
- VI. Give five examples for *Internet protocols*.
- VII. What is a node? What are the two types of nodes? Briefly describe them.
- VIII. Briefly describe the following terms;
 - a) Agent
 - b) HTML
 - c) Web URL
 - d) Mozilla Firefox

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