The Open University of Sri Lanka
B.Sc. Degree Program – Level 03
Closed Book Test: 2006/2007
CSU 1179: Introduction to Information Systems
Duration: 1½ Hours

Date: 05.03.2007   Time : 3.30pm to 5.00pm

Answer all questions

Q1.

a) State a real world problem which can be better addressed by the expert system technology than database technology. Your answer should clearly explain *why* the expert system technology is better than data base technology for addressing the particular problem.

b) According to the above question, can expert systems be treated as a replacement for database technology? Justify your answer.

c) Write short notes for the following terms:
   i) XCON
   ii) Hybrid Systems
   iii) Intelligent Systems

Q2.

a) *"To create a good expert system, the inference engine should be stronger"* Do you agree with the above statement. Justify your answer.

b) Describe *Turing Test* and *Jhon Searles's argument* by showing their practical importance.

c) *"Flex is one of the expert system shells"* Do you agree with that. Justify your answer.

Q3.

a) What is a computer network? Describe advantages and disadvantages of networks.

b) Write short notes for the following terms:
   i) HTTP
   ii) IP Address
   iii) FTP

c) Suppose you are registered with an Indian university to complete your IT degree programme. The university allows you to login to their server (comp.bg.ac.in) and you can communicate to get e-books, past papers, all course materials, listen to lecturer's programs and also do all the exams online.

   i)   How can a person login to the above server?
   ii)   How do you download course materials and other files to your PC at home?
   iii)   Once you have prepared your answer (Assignments) how would you send it to the server?