



Date: 06.04.2009

Time : 4.00pm to 5.30pm

Answer all questions

Q1.

- a) "An expert system be treated as a replacement for database technology"
Answer yes or no. Justify your answers giving THREE major reasons.
- b) It is proposed to automate the function of an ordinary door. Explain how far you can achieve the automation of the door using each of the following:
 - i) Door-closer
 - ii) Electric motor
 - iii) Electric motor with a computer
- c) What are the differences between information and knowledge?

Q2.

- a) Describe the role of major components of an expert system.
- b) What is an expert system shell?
- c) Determine which of the following statements are TRUE or FALSE.
 - i) Using a DBMS we can eradicate data redundancy.
 - ii) All automated systems are not man made systems.
 - iii) On-line systems need less RAM capacity than real-time systems.
 - iv) Real-time systems work on first-come first serve basis.
 - v) A database system contains a DBMS and a database.

Q3.

- a) What is the internet? What are the advantages and disadvantages of networking computers together as oppose to keeping them apart(stand-alone)
- b) Write short notes for the following terms:
 - i) HTTP
 - ii) IP Address
 - iii) FTP
- c) What is HTML? Briefly describe how HTML can be involve to develop web sites.

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