

**R07**

**Code No: 410**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**MBA-IV Semester Regular Examinations July 2010**

**DECISION SUPPORTING SYSTEMS**

**Time: 3hours**

**Max.Marks:60**

**Answer any Five questions  
All questions carry equal Marks**

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1. Differentiate between a decision and a decision making process. Illustrate Simon's model of decision making.
2. Describe the use of models in the disciplines of finance, marketing and production.
3. What steps are involved in creating a decision support system? What types of problems are particularly well suited to decision support system?
4. List and explain different approaches for decision under uncertainty.
5. Define virtual reality and list the advantages of virtual reality. Describe some business applications of virtual reality.
6. Design the Monte-Carlo experiment and provide an estimate of the desired probability.
7. Describe neural computing and its capabilities. Compare and contrast neural computing and conventional computing.
8. Define simulation and its advantages. Discuss various application areas of simulation.

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