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10IS846

Eighth Semester B.E. Degree Examination, June/July 2016
Decision Support Systems

Time: 3 hrs.

Max. Marks: 100

**Note: Answer any FIVE full questions, selecting
atleast TWO questions from each part.**

PART – A

- 1 a. Explain the roles of manager in the organization. (06 Marks)
b. Explain the factors affecting the decision making. (04 Marks)
c. Define system. Briefly explain the structure of the system. (10 Marks)
- 2 a. Explain the design phase of decision making. (10 Marks)
b. Briefly explain how personality type gender, and human cognition affects the decision making process. (10 Marks)
- 3 a. Briefly explain the characteristics and capabilities of DSS. (10 Marks)
b. Explain the model management subsystem. (10 Marks)
- 4 a. Explain the methodology for traditional system development life cycle. (10 Marks)
b. Explain : (10 Marks)
 - i) DSS development platform
 - ii) DSS development tool selection.

PART – B

- 5 a. Explain : (10 Marks)
 - i) Time/place framework
 - ii) Process losses and process gain in group work.
- b. Briefly explain the advantages and disadvantages of distance learning system. (10 Marks)
- 6 a. Explain the characteristics and capabilities of executive support system. (10 Marks)
b. Explain supply chain problems and solutions. (10 Marks)
- 7 a. i) What are the important of managing the knowledge? How to encourage knowledge sharing? (10 Marks)
ii) Explain the organizational memory. (10 Marks)
b. Briefly explain the activities involved in knowledge management. (10 Marks)
- 8 a. Explain the major benefits of MSS which can result in a competitive advantage. (08 Marks)
b. Explain the social implication of MSS. (08 Marks)
c. Explain the model for ethical reasoning process. (04 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.