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06IS846

**Eighth Semester B.E. Degree Examination, June 2012**  
**Decision Support System**

Time: 3 hrs.

Max. Marks: 100

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

**PART - A**

- 1 a. State and explain different factors affecting decision making. (07 Marks)  
b. Explain any three advanced intelligent decision support systems. (06 Marks)  
c. Explain the various reasons needed for computerized decision support systems. (07 Marks)
- 2 a. Explain different phases of decision making. (08 Marks)  
b. Explain cognitive style and decision styles, with specific examples. (04 Marks)  
c. List and explain different classes of descriptive models. (08 Marks)
- 3 a. With a schematic diagram, explain different components of DSS. (07 Marks)  
b. Explain the user interface subsystems, with a neat diagram. (07 Marks)  
c. Explain the characteristics and capabilities of DSS. (06 Marks)
- 4 a. Explain traditional system development life cycle (SDCC), with a block diagram. (07 Marks)  
b. What are the advantages, disadvantages and limitations of DSS developments using prototyping? (06 Marks)  
c. Explain the various basic DSS development software platforms. (07 Marks)

**PART - B**

- 5 a. Mention the benefits and characteristics of group work. (10 Marks)  
b. What is distance learning? Give the advantages and disadvantages of distance learning. (10 Marks)
- 6 a. Explain the characteristics and benefits of enterprise information system. (06 Marks)  
b. Explain the following :  
i) Customer relationship management (CRM) ii) Product lifecycle management (PLM)  
iii) Business process management (BPM). (09 Marks)  
c. Explain the supply chain problems and solutions. (05 Marks)
- 7 a. Define : i) Explicit knowledge ii) Leaky knowledge iii) Embedded knowledge  
iv) Sticky knowledge. (04 Marks)  
b. With a neat diagram, explain the knowledge management system cycle. (10 Marks)  
c. List the responsibilities of the chief knowledge officer. (06 Marks)
- 8 a. Explain the problems and issues of MSS integration. (08 Marks)  
b. Write note on :  
i) Future of management support system.  
ii) Intelligent DSS.  
iii) Enterprise systems. (12 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.