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10IS846

Eighth Semester B.E. Degree Examination, June/July 2018
Decision Support Systems

Time: 3 hrs.

Max. Marks: 100

Note: Answer any FIVE full questions, selecting at least TWO questions from each part.

PART – A

- 1 a. Explain the frame work of decision support system. (10 Marks)
b. Explain major roles performed by the manager. (05 Marks)
c. What is a model? Explain the classification of models according to their degree of abstraction. (05 Marks)
- 2 a. Explain the phases of decision making process with a neat diagram. (08 Marks)
b. List and explain different classes of descriptive models. (07 Marks)
c. Describe the importance of decision style in decision making process. (05 Marks)
- 3 a. Explain the characteristics and capabilities of DSS. (10 Marks)
b. Explain the various components of DSS, with a neat diagram. (05 Marks)
c. Explain the various DSS classification. (05 Marks)
- 4 a. Explain traditional system development life cycle (SDLC), with a block diagram. (07 Marks)
b. Explain the various DSS development software platforms. (07 Marks)
c. Define prototyping. Give the reasons for why prototyping is the choice for most of the DSS development. (06 Marks)

PART – B

- 5 a. Mention the benefits and characteristics of group work. (10 Marks)
b. What is distance learning? List the advantages and disadvantages of distance learning. (10 Marks)
- 6 a. Explain the enterprise information system with its desired characteristics and benefits. (08 Marks)
b. Explain customer relationship management and its benefits. (07 Marks)
c. What is SCM? Explain the components of SCM and list the benefits of SCM. (05 Marks)
- 7 a. Explain knowledge management cycle, with a neat diagram. (10 Marks)
b. Describe the components of KMS. (05 Marks)
c. How the knowledge is different form data and information? Explain. (05 Marks)
- 8 a. Explain models of Intelligent DSS. (10 Marks)
b. Explain the problems and issues of (MSS) management support system Integration. (05 Marks)
c. Explain the three major objectives for MSS software integration. (05 Marks)

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Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.