

322843(22)

B. E. (Eighth Semester) Examination, 2020

APR-MAY

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(New Scheme)

(CSE, IT Engg. Branch)

DECISION SUPPORT SYSTEM

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : All questions are compulsory. Part (a) from each unit is compulsory. Attempt any two parts from (b), (c) & (d) in each unit.

Unit-I

1. (a) What does the term 'Tactical' refer to in decision support system? 2
- (b) Write a difference between structured and unstructured decision. 7

- (c) Explain all the phases of decision making process. 7
- (d) What is Knowledge Management? Why is it important for decision making? Give an example how the two can be integrated. 7

Unit-II

- 2. (a) What do you understand by decision support system? 2
- (b) Explain the studies of human cognition in relation to decision making. 2
- (c) Explain implications for design of decision making support system. 7
- (d) Explain list of various communication and cultural issue. 7

Unit-III

- 3. (a) What do you understand by Modeling? 2
- (b) Explain Recognition primed decision tools in detail. 7
- (c) Explain descriptive decision making. What are the advantages and disadvantages of it? 7
- (d) Write the difference between Normative, Descriptive, and Prescriptive analysis with it's characteristics,

definition, examples, descriptions, benefits and pit falls. 7

Unit-IV

4. (a) What is the role of optimization in decision making? 2
- (b) Differentiate decision analysis and strategic decision with example. 7
- (c) Write the difference between MIS and EIS. 7
- (d) Describe the significance and scope of operations research in modern management. Discuss the limitation of OR. 7

Unit-V

5. (a) What do you understand by GDSS? 2
- (b) What do you understand by Intelligent decision support system? Discuss it's applications. 7
- (c) Explain Cutting edge decision support technology with it's history, design, implementation, benefits and pit falls. 7
- (d) How deliberative e-democracy and e-participation in helpful in decision making? 7