

322874(22)

APR-MAY

B. E. (Eighth Semester) Examination, 2020

(Old Scheme)

(CSE, IT Engg. Branch)

(Specialization : Computer Science & Engineering)

DECISION SUPPORT SYSTEM

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : All questions are compulsory. Part (a) of each question is compulsory. Attempt any two parts from (b), (c) and (d) in each section.

1. (a) What is decision making?

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- (b) Explain Management Information System and Executive Information System in detail. 7
- (c) What are the steps of decision making process? 7
- (d) Explain Decision Analytics System with respect to strategic decision making. 7
2. (a) Define human cognition. 2
- (b) How the Assimilation of Information Technology tools can be useful in Human Cognition? 7
- (c) Explain the role of communication in decision making within industry. 7
- (d) Discuss various cultural issues in decision making systems. 7
3. (a) Define requisite modelling. 2
- (b) Compare prescriptive and descriptive analysis making tools. 7
- (c) Explain normative analysis of decision making tools. 7
- (d) Explain recognition primed decision model for decision for decision making. 7

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4. (a) What is Data Base. 2
- (b) Define belief nets. How influence diagrams are useful in decision making? 7
- (c) Explain OR modelling tools and various simulation tools available for operational planning. 7
- (d) Explain strategic decision support with respect to Decision Analysis. 7
5. (a) What are potential benefits of GDSS? 2
- (b) What are the various tools available for Group Decision Support System? 7
- (c) Explain intelligent decision support system and its applications. 7
- (d) Write short notes on : 7
- (i) E-democracy
- (ii) E-participation