

2011
4th SEMESTER EXAMINATION
MCA
MANAGEMENT SUPPORT SYSTEM

PAPER—CS/MCA/2405

Full Marks : 70

Time : 3 Hours

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Answer any seven questions.

1. Define DSS. What types of support are provided by DSS ? State some of the major function of MBMS. 3+3+4
2. What is the main objective of forming data ware house ? It is said that relational database is the best for DSS as compared to hierarchical and network structure. Explain why. 5+5
3. Describe the general process of simulation. What is the difference between an optimistic approach and a pessimistic approach to decision making in uncertainty ? 5+5
4. What is sensitivity analysis ? Before you think to develop a new DSS, it is important to study the present system. Why ? 5+5

5. Explain how 'key-work-search' method works. What are its major limitations? 7+3
6. Why is the traditional SDLC not appropriate for most DSS? Discuss the major steps of the iterative process. 4+6
7. What is group ware? Explain how Delphi method works in the field of GDSS? 3+7
8. What is the importance of CSS (Creative Support System) in making decisions? State the major advantages and disadvantages of distance learning. 4+6
9. Write short notes on (any two) : 5×2
- (a) ODSS;
 - (b) VIM;
 - (c) Sources of finance in an organization.
10. Organization needs resources (input) to achieve goal(s). What are the basic resources? What is (are) the major objectives of a business organization? Briefly discuss the main managerial functions. 2+2+6
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