

MAY 2013

P/ID 37527/PBEL

Time : Three hours

Maximum : 80 marks

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1. Describe the components of DSS and explain their interaction.
2. Explain the Heuristic method? State its' applications.
3. What is Data Dictionary? Enumerate its' uses.
4. Detail the issues in user interface.
5. What is Model Acquisition? How it is done?
6. Detail various DSS testing methodologies.
7. Compare any two types of model base.
8. Classify Information System? Where do DSS stands.

PART B — (4 × 10 = 40 marks)

Answer any FOUR questions.

9. Explain how DSS is classified based on business application.
10. Describe how the integration and command processing is done in a model package.
11. Detail, with examples, various methods of data structure. Explain their business suitability.
12. Demonstrate how the Dialog management is used in the decision making process of DSS.
13. Develop a DSS for measuring productivity in a manufacturing organisation.
14. Describe the software and hardware requirements for a DSS of your choice.

PART C — (1 × 15 = 15 marks)

(Compulsory)

15. (a) Describe the functioning of GDSS.
(b) Using an example, demonstrate the process of visual interactive modeling.