

C 5119

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Name.....

Reg. No.....

**EIGHTH SEMESTER B.TECH. (ENGINEERING) DEGREE
EXAMINATION, JUNE 2010**

AI / IC / IT / CS 2K 805 D – MANAGEMENT INFORMATION SYSTEMS

Time : Three Hours

Maximum : 100 Marks

Part A

Answer all questions.

1. (a) Explain the importance of Management Information systems.
- (b) What are the advantages of divisionalized form?
- (c) What is the role of database administrator?
- (d) What is a file server? What purpose does it serve?
- (e) What activities occur during each of the three-phases of the decision-making process?
- (f) What is the function of the interference engine in an expert system?
- (g) What are the objectives of the Business Systems Planning methodology?
- (h) Briefly explain the software piracy.

(8 × 5 = 40 marks)

Part B

MODULE I

2. (a) Describe the five competitive forces that information technology can address at the firm level.
- Or*
- (b) Write short notes on :
 - (i) Market Research subsystem.
 - (ii) Manufacturing subsystem.
 - (iii) Marketing subsystem.
 - (iv) Service subsystem.

MODULE II

3. (a) Explain the three types of file structures and describe one application appropriate for each type.
- Or*
- (b) List the three LAN topologies and explain how these topologies differ.

Turn over

MODULE III

4. (a) Explain in detail about the Human Resource Information system.

Or

(b) Explain in detail about the three important features of a decision support system.

MODULE IV

5. (a) Discuss the problems with determining information requirements.

Or

(b) List and describe five types of data validation controls.

(4 × 15 = 60 marks)

(8 × 5 = 40 marks)

Part B

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Or

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Module II

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Or

(b) List the three LAN topologies and explain how these topologies differ.