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**B.E / B.Tech (Part Time) ARREAR DEGREE END SEMESTER EXAMINATIONS,  
APR / MAY 2014**

**INFORMATION TECHNOLOGY**

V Semester

**PTIF039 Management Information System**

(Regulation 2002)

Time : 3 Hours

Answer ALL Questions

Max. Marks 100

**PART- A (10 x 2 = 20 Marks)**

1. Define MIS.
2. List out the processes involved in designing an Information system.
3. What do you mean by Organizational Decision Making?
4. What kind of problems would be encountered in the post implementation of a system?
5. Differentiate Business plan and MIS plan.
6. What is the need of System Analysis?
7. What type of information system is required for a manufacturing sector?
8. Define the term 'Digital Firm'.
9. State the benefits of implementing Decision Support Systems.
10. Illustrate the significance of Deterministic systems.

**Part – B (5x16=80 marks)**

11. a) i) Draw the physical and conceptual view of MIS and explain its hierarchy in detail. (8)  
ii) How do a Client server architecture gets implemented in an information system? Explain. (4)  
iii) Write short notes on Organizational behaviour. (4)
12. a) i) Illustrate the concepts involved in Decision making process in detail. Also discuss how it is helpful to the organization. (10)  
ii) Briefly classify the information with its components. (6)

(OR)

- b) i) Explain about the Herbert Simon model based Decision making process in detail. (10)
- ii) Discuss about the various types of Decision making systems in detail. (6)

13. a) i) Do long range plans are developed in MIS? If so, On what basis? How? (6)
- ii) Explain about the Structure and functionalities involved in the execution of a project with an example. (10)

(OR)

- b) i) How Structural System Analysis differs from system analysis and design? Compare the processes involved. (6)
- ii) Assume that you are a system analyst who is involved in the process of getting information(Requirements Analysis) from the stakeholders for the development of a Vehicle Insurance Claim Processing Information System. Prepare an Interview Questionnaire (Structured and Unstructured) to collect information from the stakeholders such as Managers, Employees and Potential Users. (10)

14. a) i) Create an MIS application for a marketing management industry who markets domestic products with a suitable example. (10)
- ii) How do you create an application for personnel management? Illustrate it with an example. (6)

(OR)

- b) Create and Design a MIS application for a banking service sector which provides distinctive service to its customers. (16)

15. a) i) Discuss about the role of DSS in an Information System? Explain with an example. (10)
- ii) Explain the various ways in which knowledge management system could be developed. (6)

(OR)

- b) i) Explain about the major steps involved in the implementation of an ERP system with a suitable example. Also list out the major hassles involved in it. (12)
- ii) Write short notes on EMS. (4)

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