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**Question Paper Code: 39807**

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2018

Elective

Information Technology

01UIT907 - MANAGEMENT INFORMATION SYSTEMS

(Regulation 2013)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. List the benefits of MIS.
2. Compare Traditional Information Systems Vs Modern Information Systems.
3. Tell about Hierarchical model.
4. Assess 'Human factors' in MIS.
5. Differentiate between information and data.
6. Mention the characteristic of business decision making.
7. Why On-line Transaction Processing System (OLTP) is fast compared to batch processing?
8. Define the term remote conferencing.
9. Define Prototyping.
10. Write short notes on end user development.

PART - B (5 x 16 = 80 Marks)

11. (a) (i) Illustrate the functions of an Information System with a neat diagram. (10)

(ii) How Information system and organization influence one another. (6)

Or

(b) Briefly explain the maintainability and recoverability in system design. (16)

12. (a) Write a detailed note on Graphic Model & Mathematical Model for representing systems. (16)

Or

(b) Illustrate about information flow in an organization. (16)

13. (a) What is Information theory? Describe about Shannon's theorem and ideas in brief with an example. (16)

Or

(b) Explain about classification and compression in brief. (16)

14. (a) Briefly explain the various information system applications. (16)

Or

(b) Compare and contrast: centralized and decentralized allocation mechanisms. (16)

15. (a) Explain the various phases of system development life cycle. (16)

Or

(b) Describe the System Development Life Cycle (SDLC) in detail and highlight the use of computer in SDLC. (16)