Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code: 39807

B.E. / B.Tech. DEGREE EXAMINATION, AUGUST 2021

Elective

Information Technology

01UIT907 - MANAGEMENT INFORMATION SYSTEMS

(Regulation 2013)

Duration: 1:45 hour   Maximum: 50 Marks

PART A - (10 x 2 = 20 Marks)

(Answer any ten of the following questions)

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.

11. Define Management Information Systems.

12. List out the common job responsibilities of functional analyst.

13. Distinguish between deterministic and probabilistic (stochastic) mathematical modeling.

14. What are the properties of a good heuristic algorithm?

15. Differentiate between information and data.

PART – B (3 x 10= 30 Marks)

(Answer any three of the following questions)

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

17.   Write a detailed note on Graphic Model & Mathematical Model for representing systems.   (10)

18.   What is Information theory? Describe about Shannon's theorem and ideas in brief with an example.   (10)

19.   Briefly explain the various information system applications.   (10)

20.   Explain the various phases of system development life cycle.   (10)