

APJ Abdul Kalam Technological University

Ernakulam II Cluster

Second Semester M.Tech. Degree Examination April/May 2018

**05ME 6436 - MANAGEMENT INFORMATION SYSTEM**

Time: 3 hrs

Max. Marks: 60

1.
  - a) Discuss an Organizational Need for MIS in a Company? (3 Marks)
  - b) Discuss the Prerequisites of an Effective MIS? (3 Marks)
  - c) List and describe the information systems serving each of the major functional areas of business. (6 Marks)
2.
  - a) State the principle which dictates how is system built from sub-system? (4 Marks)
  - b) Explain briefly the documentation of detailed design? (4 Marks)
  - c) Describe three levels of information in managerial level. (4 Marks)
3.
  - a) Discuss various approaches for building an information system. (6 Marks)
  - b) What is the purpose of creating Management Information System? (6 Marks)
  - c) What is DSS? What is the purpose of Decision Support System in MIS. (6 Marks)

*OR*

4.
  - a) What are the different methods for Data Collection? (6 Marks)
  - b) What is MIS Planning? Discuss the need and objectives of MIS Planning. (6 Marks)
  - c) Discuss in brief the Hebert A. Simon 'Decision Support System Model'. (6 Marks)
5.
  - a) What is meant by Pervasive Computing? (6 Marks)
  - b) Explain briefly the steps Transaction types of E-Business. (6 Marks)
  - c) Discuss about data bank and its importance in MIS? (6 Marks)

*OR*

6.
  - a) Types of Information System Controls (6 Marks)
  - b) What is IS Vulnerability? (6 Marks)
  - c) What are the ethical principles associated with the use of Information Technology? (6 Marks)