



MACHAKOS UNIVERSITY

University Examinations for 2016/2017 Academic Year

SCHOOL OF BUSINESS AND ECONOMICS

DEPARTMENT OF BUSINESS ADMINISTRATION

FIRST YEAR SECOND SEMESTER EXAMINATION FOR DIPLOMA IN
ACCOUNTANCY

DACC 112: MANAGEMENT INFORMATION SYSTEMS

DATE: 5/6/2017

TIME: 2:00 – 4:00 PM

INSTRUCTIONS

Answer Question One in Section One (COMPULSORY) and ANY other TWO questions from Section Two.

SECTION ONE (30 MARKS)

1. a) Define the following terms as used in Management Information Systems:
 - i. A system
 - ii. Information
 - iii. An information system
 - iv. Data
 - v. Output (5 marks)
- b) Explain briefly with appropriate examples, why information systems should matter to managers in business organizations. (5 marks)
- c) Information technology infrastructure is a set of firmware services budgeted by management and comprising both human and technical capabilities. Highlight ANY five of these services. (10 marks)

- d) Explain any ONE of the era in the I.T. Infrastructure evolution and describe its distinguishing characteristics. (5 marks)
- e) Explain how Operational-level systems support managers. (5 marks)

SECTION TWO

- 2.
 - a) Discuss the management challenges posed by the role of information systems and suggest the solutions. (10 marks)
 - b) Describe the Operating Systems platform in terms of Infrastructure Components. (10 marks)
- 3. Discuss the challenges of creating and managing a good IT infrastructure and include possible solutions citing appropriate examples. (20 marks)
- 4. Discuss the following types of Information Systems that are used in business:
 - a) Transaction processing system (TPS)
 - b) Executive information system (EIS)
 - c) Office automation system (OAS)
 - d) Decision support system (DSS) (20 marks)
- 5. Information Technology contributes to strategic management in many ways. Describe briefly ANY FOUR of these Strategic advantages of Information Technology to an organization. (20 marks)