



UNIVERSITY OF EMBU

2016/2017 ACADEMIC YEAR

SECOND SEMESTER EXAMINATION

THIRD YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF COMPUTER
SCIENCE

CSC 325: MANAGEMENT INFORMATION SYSTEMS

DATE: APRIL 4, 2017

TIME: 8:30 -10:30AM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE

- a) Explain any **five** business models that have been brought about by internet technologies. (5 Marks)
- b) There are **four** reasons why IT makes a difference to the success of business. Explain any **two** of these reasons (5 Marks)
- c) Many organizations nowadays store their data in databases as opposed to using traditional files such as word processors and spreadsheets. List any **five** problems associated with the traditional file environment (5 Marks)
- d) Explain the purpose of executive support systems and state **four** of their characteristics (5 Marks)
- e) List the **five** moral dimensions of information age (5 Marks)
- f) Show how information systems that make use of information and communications technologies support: (5 Marks)
- i. Flattening of organizations
 - ii. Separation of work from location

QUESTION TWO

- a) Although information systems could be developed in an ad hoc manner, there is usually a more formal process or methodology that is used in organizations. Explain any **four** dangers of developing information systems in an ad hoc manner and show how the use of a more formal process could help in each case. (10 Marks)
- b) Discuss the **four** major types of information systems stating the level of organization served by the information system (10 Marks)

QUESTION THREE

- a) In modern society threats to information systems continue to be on the rise. In your own words, discuss any **five** reasons why these threats are increasing (10 Marks)
- b) Many firms nowadays opt to outsource IT infrastructure rather than developing them from scratch in their firms. In your own words, discuss any **five** challenges of outsourcing (10 Marks)

QUESTION FOUR

- a) Explain Moore's law and discuss its implications in information systems applications (10 Marks)
- b) In your own words, describe any **five** challenges encountered when developing information systems in an organization. Further, explain how you overcome each challenge you have stated. (10 Marks)

QUESTION FIVE

- a) List and explain the **five** technology drivers of IT infrastructure evolution (10 Marks)
- b) If used appropriately, information systems can improve an organization's competitiveness. Discuss how organizations can achieve competitive advantage using information systems. (10 Marks)

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