



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

JANUARY – APRIL 2022

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FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCE & DEVELOPMENT STUDIES

REGULAR/ODEL PROGRAMME

SDS 205: COMPUTER APPLICATIONS IN DEVELOPMENT WORK

Date: APRIL 2022

Duration: 2 Hours

INSTRUCTIONS: Answer Question ONE and any Other TWO Questions

Q1. Discuss application of computers in the following areas

i) Healthcare management

ii) Research

iii) Communication

(30 marks)

Q2. Outline two factors that may influence the cost of maintaining an Information System in an organization

(2 marks)

b) Explain five circumstances that may lead an organization to automate its processes

(10 marks)

c) The support of top management is necessary for success of an information system in an organization. Explain four roles that they play during the planning phase.

(8 marks)

Q3. A government institution is planning to set up a new department to oversee its resources. Explain four categories of resources that the new department would consider

(8 marks)

b) A light industry use Management Information Systems (MIS) in its tactical level of operations. Explain four functional tasks of this MIS in each of the following areas;

i) Production

ii) Accounting

iii) Communication

(12 marks)

Q4. Discuss application of computers in the following areas

i) Healthcare management

ii) Research

(20 marks)

Q5. Differentiate between;

i) Spreadsheets and word processors

(4 marks)

ii) Hardware and software

(3 marks)

iii) Application and System software

(3 marks)

b) Discuss any **two** ways in which Information technology could be a hindrance to the progress of an organization.

(10 marks)

END