



THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

A. M. E. C. E. A

MAIN EXAMINATION

P.O. Box 62157
00200 Nairobi - KENYA
Telephone: 891601-6
Fax: 254-20-891084
E-mail: academics@cuea.edu

MAY - JULY 2016 TRIMESTER

FACULTY OF ARTS AND SOCIAL SCIENCES

DEPARTMENT OF DEVELOPMENT STUDIES

REGULAR PROGRAMME

SDS 205: COMPUTER APPLICATIONS IN DEVELOPMENT WORK

Date: JULY 2016

Duration: 2 Hours

INSTRUCTIONS: Answer Question ONE and ANY OTHER TWO Questions

- Q1. a) Describe the various input devices for a computer system stating clearly their function. **(5 marks)**
- b) Discuss any FIVE attributes of a good information system that can be used for decision making. **(5 marks)**
- c) What is the advantage of developing unique application software over standard application software in an organization. **(5 marks)**
- d) Igoz consultancy Limited is considering to educate in shifts on the ethical and security concerns of using information technology. Discuss the key components of their presentations. **(5 marks)**
- e) What factors will an organization consider in selecting an effective operating system to the computers of their organization. **(5 marks)**
- f) i Write short notes to differentiate between information system and information technology. **(2 marks)**
- ii Explain the different sources of information for an organization. **(3 marks)**

- Q2. a) Describe the management challenges that are faced by an organization in building effective information systems. **(10 marks)**
- b) Explain the ethical and societal challenges of information systems stating clearly the solutions. **(10 marks)**
- Q3. a) Information technology plays an important role in shaping contemporary organizations. Justify the above statement basing your argument on the new role of information systems in the contemporary business environment. **(10 marks)**
- b) Discuss the security challenges for information systems and tools for managing information technology. **(10 marks)**
- Q4. i Describe the functions of the different computer output devices. **(6 marks)**
- ii Explain the functions of an operating system. **(10 marks)**
- iii Differentiate between data and information giving relevant examples. **(4 marks)**
- Q5. a) Discuss the factors that an organization should consider in selecting / purchasing an application software. **(10 marks)**
- b) Describe the computer software system with relevant and contemporary examples. **(10 marks)**

END