JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

UNIVERSITY EXAMINATION FOR DIPLOMA IN COMMUNITY HEALTH AND DEVELOPMENT

1ST YEAR 2ND SEMESTER 2022/2023 ACADEMIC YEAR

MAIN CAMPUS

COURSE CODE: SCS 2124

COURSE TITLE: IT AND SOCIETY

EXAM VENUE: **STREAM :(DCH&D)**

DATE: **EXAM SESSION:**

TIME: 2 HOURS   **NO of STUDENT: 30**

INSTRUCTIONS:

1. **Answer Questions 1 (Compulsory) and ANY other Two(2) Questions**
2. **Candidates are advised not to write on the question paper**
3. **Candidates MUST hand in their answer booklets to the invigilator while in the examination room**

QUESTION ONE (30 MARKS)

  a) Explain the following terms in the ICT (use appropriate examples) **(10 marks)**
      i.   privacy
      ii. Computer mis-use
      iii. Cyber stalking
      iv. Ethics
      v. laws

  b) State any five advantages of businesses that move towards an e-Commerce solution. **(5 marks)**
  c) How have information systems affected everyday life? **(5 marks)**
  d) What ethical, social, and political issues are raised by information systems?

(10 marks)

QUESTION TWO (20 MARKS)

  a) Why do contemporary information systems technology and the Internet pose challenges to the protection of individual privacy and intellectual property

(10 marks)

  b) The Data Protection Act states that anyone who processes personal information must comply with eight principles. Outline the eight principles. **(10marks)**

QUESTION THREE (20 MARKS)

  a) State and explain any 5 consequences of ICTs in the society **(10 marks)**
  b) Explain why the Copyright Owner should register his/ her work. **(10 marks)**

QUESTION FOUR (20 MARKS)

  a) Discuss ethical implications of computer monitoring **(10 marks)**
  b) What specific principles for conduct can be used to guide ethical decisions? **(10 marks)**

QUESTION FIVE (20 MARKS)

  a) It has come to the attention of the University administration that there has been a lot of loss of computers and data in the computer laboratories. Explain ways they can use to control the loss of computer hardware and data in the institution. **(20 marks)**