



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

B.A IN INTERNATIONAL RELATIONS AND DIPLOMACY

**UNIT CODE: SCS 409**

**UNIT TITLE: INFORMATION TECHNOLOGY AND SOCIETY**

**VENUE: 9<sup>th</sup> floor**

**DATE:16<sup>th</sup> / 12/ 2016**

**EXAM SESSION: 2PM- 4PM**

**TIME: 2 HRS**

#### Instructions

1. Answer question 1 (compulsory) and ANY other two 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**

- a) Differentiate between the following terms:
  - i) Information and data (2marks)
  - ii) Technology and information technology (2marks)
  - iii) Society and ethics (2marks)
  - iv) Accountability and Responsibility (2marks)
  - v) Internet and e-mail (2marks)
- b) What is Adoption of ICT (2marks)
- c) Adoptions of ICT have evolved into a four-stage process, state and discuss these four-stage processes of ICT adoption in the society. (8marks)
- d) Discuss five usage of I.T in everyday life in the society (10marks)

### **QUESTION TWO**

- a) Name and explain five categories of ICT in the society (10marks)
- b) Discuss five positive impacts of I.T in either healthcare/businesses/society/organizations (10marks)

### **QUESTION THREE**

- a) State any four requirements for connecting to the internet in the society (4marks)
- b) Discuss any four ways for an individual to access the Internet in the society (4marks)
- c) Discuss six ethical and security issues that have arisen from the adoption of ICT such as the application of automated teller machines (ATM) (12marks)

### **QUESTION FOUR**

- a) What is Electronic healthcare (2marks)
- b) Explain any two main goals of I.T to achieve Electronic healthcare (2marks)
- c) Discuss four negative effects of internet in the society today (8marks)
- d) Explain four main principles of electronic healthcare in health sector. (8marks)

### **QUESTION FIVE**

- a) When discussing ethical and IT professional issues, the key areas are those that relate to the Attitude, Skill and Knowledge of the IT professional. Discuss any five of these issues. (10marks)
- b) Discuss any five legal frame issues of Information technology in the society (10marks)