



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL INFORMATICS AND INNOVATIVE SYSTEMS
UNIVERSITY EXAMINATION FOR THE DEGREE OF SCIENCE
COMMUNITY HEALTH & DEVELOPMENT
1ST YEAR 2ND SEMESTER 2013/2014 ACADEMIC YEAR
CENTRE: MAIN

COURSE CODE: CSC 3123

COURSE TITLE: ICT AND SOCIETY

EXAM VENUE: LR 1

STREAM: BSc. Computer Security & Forensics

DATE: 11/12/2013

EXAM SESSION: 11.30 – 1.30 PM

TIME: 2 HOURS

Instructions:

- 1. Answer question 1 (Compulsory) and ANY other 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 30MARKS

- a) Outline Features of IT (8 marks)
- b) Differentiate, giving examples between the following
- i.** Network society and information society (2marks)
 - ii.** Computer crime and computer abuse (2marks)
 - iii.** Sociology and society (2 marks)
- c) i) Define the term telecommuting. (2marks)
- ii) Explain four benefits of Telecommuting in job creation today. (4 marks)
- d) Describe problems of human interaction with Information Technology. (10 Marks)

QUESTION TWO

Describe the positive contributions of ICT to our society in the following fields:

- a.** Education
- b.** Commerce
- c.** Entertainment
- d.** Employment
- e.** Transport Systems: (20 marks)

QUESTION THREE

- a) Describe the following types of computer crimes:
- i.** Computer Fraud
 - ii.** Computer Hacking:
 - iii.** Eavesdropping on a computer:
 - iv.** Forgery:
 - v.** Pornography: (10marks)
- b) Discuss any five principles of the data protection as outlined in the Data Protection Act. (10marks)

QUESTION FOUR 20MARKS

- I.** Describe ethical responsibilities of IT professionals (10 marks)
- II.** Explain how ICT has led to intrusion into people's privacy. (10marks)

QUESTION FIVE 20MARKS

a) Define the following terms:

- i.** ICT
- ii.** Society
- iii.** Demography
- iv.** Cyber Crime
- v.** Digital

(10 marks)

d) Describe any five factors that ICT hinder penetration and access developing countries.

(10 Marks)

