JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL INFORMATICS AND INNOVATIVE SYSTEMS

UNIVERSITY EXAMINATION FOR THE DEGREE OF SCIENCE

COMMUNIY HEALTH & DVELOPMENT

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.
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(10 Marks)