BONDO UNIVERSITY COLLEGE

UNIVERSITY EXAMINATION 2011

FIRST YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE (COMMUNITY HEALTH DEVELOPMENT

KISUMU LEARNING CENTRE

COURSE CODE: CSC 3123

TITLE: ICT AND SOCIETY

DATE: 20/12/2012   TIME: 8.00-10.00AM

DURATION: 2 HOURS

INSTRUCTIONS

1. **This paper contains FIVE (5) questions**

2. **Answer question 1 and ANY other 2 Questions**

3. **Write all answers in the booklet provided**

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UNIVERSITY EXAMINATIONS 2012/2013

FIRST YEAR SECOND SEMESTER EXAMINATIONS FOR THE DEGREE IN
COMMUNITY HEALTH

Examination Paper

1   a) Define the following terms:

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

                                              (10 marks)

  b) Differentiate, giving examples between the following

  i.   Network society and information society
      (2marks)
 ii.   Computer crime and computer abuse   (2marks)

c)   i)   Define the term telecommuting.   (2marks)

       ii) Explain four benefits of Telecommuting in job creation today.   (4 marks)

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

                                        (10 marks)

2   Discuss the influence of ICT to the following national and international developments:

     a. Trans- border data flow
     b. Development and competitiveness

     c. Security.
     d. Health
     e. Education

(20 marks)

3.   (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)

4. a)   Explain four health issues which can arise from prolonged use of computers. Suggest a solution for each health issue mentioned.
      (10 marks)

  b) Explain how ICT has led to intrusion into people's privacy.

(10marks)

5.   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)