JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

UNIVERSITY EXAMINATION FOR THE BACHELOR OF PUBLIC HEALTH

1ST YEAR 2ND SEMESTER 2016/2017 ACADEMIC YEAR

COURSE CODE: SCS 3124

COURSE TITLE: INFORMATION TECHNOLOGY AND SOCIETY

EXAM VENUE: KLC   **STREAM: HEALTH**

DATE: **EXAM SESSION:**

TIME: 2.00 HOURS

INSTRUCTIONS:

1. Answer Question 1 (Compulsory) and ANY other three 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 piece of ICT software that I use regularly is the train timetable at the train stations on the televisions. I use this quite frequently as I have to use it to see the up to date information on each train. They work by displaying the information on the times of each time on a television screen. At train stations, each platform has a television so that everyone can see what is happening with their train. They can show if the train is going to be late, or if the train is on time and what time, by the minute, the train will get to the station.

a) What are the incentives which encourage people to adopt ICT?

(10 marks)

b) How are social processes affected by ICT?

(10 marks)

c) Do you agree that the rise of computing has not resulted is greater productivity?

(10 marks)

QUESTION TWO 20 MARKS

Employee monitoring is quickly gaining ground with recent statistics showing that 28% of employers have fired workers for e-mail misuse; 30% of bosses have fired workers for Internet misuse; 66% monitor Internet connections; 65% use software to block connections to inappropriate Websites; 45% of employers tracking content, keystrokes, and time spent at the keyboard; 43% store and review computer files; 12% monitor the blogosphere to see what is being written about the company; 10% monitor social networking sites.

a) Using practical examples, discuss therefore any FIVE reasons for employee monitoring

(10 marks)

b) Provide any FIVE guiding principles for employee monitoring

(10 marks)

QUESTION THREE 20 MARKS

a) How does ICT impact on organisational behaviour?

(6 marks)

b) Ethics are accepted behaviours in the society. In what unethical ways can computer systems be used in the society?

(5 marks)

c) How does ICT affect organisational structure?

(4 marks)

d) How does public policy affect ICT usage?

(5 marks)

QUESTION FOUR 20 MARKS

a) How does the web affect people's relationship with the health services?

(7 marks)

b) How does ICT change the way we view and use libraries?

(6 marks)

c) How should social context affect the design of ICT?

(7 marks)

QUESTION FIVE 20 MARKS

a) Using a practical example, discuss roles that ICT play in the relationship between home and school?

(8 marks)

b) Give an example of a telehealth project.

(2 marks)

c) Explain what is meant by the term colonisation of the life world. Why is this important in ICT

(8 marks)

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