UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

SECOND SEMESTER EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

SIT 127: COMPUTERS AND SOCIETY

DATE: APRIL 4, 2018   TIME: 2:00 PM – 4:00 PM

INSTRUCTIONS:

Answer Question ONE and ANY Other TWO Questions.

QUESTION ONE (30 MARKS)

a) Briefly explain the meaning of the following terms   (5 marks)

    i)   Organizational informatics

    ii)   Techno-utopia

    iii)   Intellectual property

    iv)   Social informatics

    v)   Ethics

b) 'Law and Information Technology' are often thought of as being at odds with each other. In your own words, discuss this statement   (5 marks)

c) List the **five** moral dimensions of the information age   (5 marks)

d) As a user of email facility, list any **five** things you can do to demonstrate you have E-Mail netiquette   (5 marks)

e) The debate between utopians and dystopians is helpful in assessing effects of ICTs in Society. In your own words, differentiate these two perspectives in regard to ICT.   (5 marks)

f) Distinguish between the following terms: (5 marks)

    i)   Cyberespionage and Cyberterrorism

ii)   Privacy and Confidentiality

QUESTION TWO (20 MARKS)

a) Explain any **five** measures that can be used to curb or minimize cybercrime   (10 marks)

b) In your own words, discuss any **four** theories that explains the society in which ICTs are embedded   (10 marks)

QUESTION THREE (20 MARKS)

a) Explain any **five** typical dystopian claims about information and communications technology
                                                                  (10 marks)

b) Describe any **five** candidate moral principles that can be used to guide ethical decisions
                                                                  (10 marks)

QUESTION FOUR (20 MARKS)

a) Define the term social informatics. Social informatics research comprises **normative, analytical, and critical orientations**. Discuss each of these orientations   (10 marks)

b) In your own words, discuss any **five** effects of cybercrime to society   (10 marks)

QUESTION FIVE (20 MARKS)

a) Use of social media websites such as facebook has become common. Discuss any **five** negative effects of social media to the society   (10 marks)

b) There is a strong correlation between ICT and Society Development. In your own words, discuss any **five** ways through which ICT can contribute to poverty eradication in developing countries   (10 marks)

---END---