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University Examinations 2013/2014

THIRD YEAR, SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN INFORMATION TECHNOLOGY

AND

SECOND YEAR, FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
BUSINESS IN INFORMATION TECHNOLOGY

HBT 2202/BIT 2222: ICT AND SOCIETY

DATE: APRIL 2014

TIME: 2 HOURS

INSTRUCTIONS: *Answer question **one** and any other **two** questions*

QUESTION ONE – 30 MARKS

- a. Outline four safety issues related to use of computers. (4 marks)
- b. Briefly detail signs that are an indication of internet addiction. (4 marks)
- c. ICT has both positive and negative effects. Give in brief the negative effects of ICT. (4 marks)
- d. Giving examples, what are some of the standard office applications used in the day to day activities of an ICT organization? (4 marks)
- e. (i) What is a computer system? (1 mark)
(ii) Businesses need different ICT systems in order for them to operate effectively. Give four such systems. (4 marks)
- f. Explain briefly three types of processing that are used in ICT. (6 marks)
- g. Ethics are accepted behaviors in the society. In what unethical ways can computer systems be used in the society? (3 marks)

QUESTION TWO – 20 MARKS

- a. As an ICT manager you should be responsible for developing corporate ICT policies and procedures and enforcing them in the organization. Discuss what ethical standards the ICT policies should cover. (10 marks)

- b. How has ICT resulted to moral decadence in today's society? (5 marks)
- c. Computers are said to invade into the private lives of people. Justify this statement. (5 marks)

QUESTION THREE – 20 MARKS

- a. ICT is an important tool for the enhancement of development agendas both nationally and internationally. Explain how ICT can provide the knowledge needed to enhance development in Kenya as a nation. (12 marks)
- b. Discuss the pillars of the knowledge economy. (8 marks)

QUESTION FOUR – 20 MARKS

Explain, with the use of examples, how the use of ICT has influenced all of the following factors:

- i. Cultural (4 marks)
- ii. Environmental (4 marks)
- iii. Ethical (4 marks)
- iv. Legal (4 marks)
- v. Social (4 marks)

QUESTION FIVE – 20 MARKS

- a. Explain briefly how ICT has contributed to scientific research. (5 marks)
- b. Discuss ways in which employers and employees have been affected by computer technology in the place of work. (10 marks)
- c. Explain any five system security measures you will take as an ICT manager to ensure your systems are safe from external and internal attacks. (5 marks)