

**W1-2-60-1-6**

JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

# **UNIVERSITY EXAMINATIONS 2018/2019**

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

**HBT 2202 : ICT AND SOCIETY**

DATE: DECEMBER 2018 TIME: 2 HOURS

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**INSTRUCTIONS:**

**ANSWER QUESTION ONE [COMPULSORY] AND ANY OTHER TWO**

**QUESTIONS**

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**QUESTION ONE [COMPULOSRY] [30 MARKS]**

1. Discuss the impact [positive and negative] of ICT in public service sector in Kenya. [8 marks]
2. Define the following terminologies as used in ICT
3. Computer software [1 mark]
4. Cloud computing [1 mark]
5. Hacking [1 mark]
6. Information technology [1 mark]
7. Malware [1 mark]
8. Explain the term “intellectual property” as used in ICT [2 marks]
9. Briefly explain fie applications of ICT in any key areas /sectors of your choice in Kenya. [5 marks]
10. Discuss the moral, legal and ethics issues raised by ICT in our society today. [10 marks]

**QUESTION TWO [20 MARKS]**

1. Electronic commerce is concerned with buying and selling of goods and services across the internet media/infrastructure.

**Required:**

1. Briefly explain how internet has transformed the way business is done today. [8 marks]
2. Examine the benefits and limitations of ecommerce. [8 marks]
3. Distinguish between the following concepts
4. Computer crime vs computer abuse [2 marks]
5. Cybercrime vs cyber bullying [2 marks]

**QUESTION THREE [20 MARKS]**

1. Define the terms:
2. Social informatics [2 marks]
3. Social media [1 mark]
4. Social networking [1 mark]
5. ICT ethics [1 mark]
6. Discuss how ICT offers tremendous potential to reduce or even eliminate critical obstacles to economic growth in Kenya. [10 marks]
7. From an organizational perspective, describe any three actions that would be considered as computer abuse and two actions that can be considered computer crime. [5 marks]

**QUESTION FOUR [20 MARKS]**

1. Analyze why ICT has become the foundation of every sector of every economy. [10 marks]
2. Define the term computer security [2 marks]
3. Briefly explain any four threats to computers and how the threats may be prevented or managed. [8 marks]

**QUESTION FIVE [20 MARKS]**

1. Define intellectual property as used in computer crime [2 marks]
2. Describe how ICT technologies have threatened the privacy of our data as a society. [6 marks]
3. Define authentication and explain any two forms of biometrics authentication that you know. [8 marks]
4. A critical element of a computer system is computer hardware. Describe citing examples the key elements of computer hardware. [4 marks]