



**COLLEGE OF BUSINESS, PEACE, LEADERSHIP AND GOVERNANCE**

**NCIS201: COMPUTER AND SOCIETY**

**END OF SEMESTER EXAMINATION**

**MAY 2020**

**LECTURER: NERA, G**

**DURATION: (48HRS)**

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***INSTRUCTIONS***

1. This Examination is comprised of Three (3) Questions
2. Each Question has 100 Marks
3. Choose and Answer One Question Only
4. You are expected to give a critical analysis in your responses.

**NB: Plagiarism is an academic offense and leads to automatic failure. Citations where possible are highly encouraged. Your examination response will be subject to anti-plagiarism software.**

**Answer One (1) Question Only**

## **Question I**

Recent years have witnessed a mounting integration of information and communication technology (ICT) in all areas of our lives, transforming the way we work, study, share, play, socialize, and live together as a society. Despite the many personal, educational, and work benefits offered by ICT, its use raises a variety of social and ethical concerns (like technology addiction, cyberbullying, eroded personal relationships, influenced elections, online fraud, Internet vigilantism, invasion of privacy, and infringement of intellectual property right – to mention just a few) (Cheung, M.K. 2019).

In light of the above statement, discuss the impact of ICT social and ethical issues, and suggest solutions. Your discussion should be informed by the following ethical issues:

- a. Privacy
- b. Accuracy
- c. Property
- d. Accessibility

**[100 Marks]**

## **Question II**

"Mutual Legacy" is a major new financial company offering a variety of services including insurance, loans and other financial services to both businesses and the public. The company's management team has asked the xSecure, a well known Network Security firm, to propose a comprehensive e-Security package to the company. The security requirement of the company is as follows:

- Network security against outside intrusions
- Secure and safe e-transactions.

As a consultant with xSecure you are tasked with the job. You need to discuss and justify your proposal on:

- a. Possible network security threats and how they can be overcome

**[60 Marks]**

- b. Discuss the following social cybercrimes and suggest solutions: cyberbullying, cyber stalking, social engineering and social grooming

**[40 Marks]**

### **Question III**

Draft a position paper which is to be presented to the Government of your country justifying the establishment of electronic government (e-government) systems. Clearly outline how the government can support this initiative. The following issues should be part of your discussion:

- a. Impact of electronic government systems to national development
- b. Technical Requirements for electronic government systems
- c. Human Resources Requirements for electronic government systems
- d. The level of electronic government system proposed for your country

**[100 Marks]**

**All the Best!!**