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**GARISSA UNIVERSITY**

**UNIVERSITY EXAMINATION 2020/2021 ACADEMIC YEAR THREE**

**SECOND SEMESTER EXAMINATION**

**SCHOOL OF PURE AND APPLIED SCIENCES**

**FOR THE DEGREE OF BACHELOR OF INFORMATION SCIENCE**

**COURSE CODE: INF 371**

**COURSE TITLE: LAW ETHICS AND PROFFESSIONAL PRACTICE INFORMATICS**

**EXAMINATION DURATION: 2 HOURS**

**DATE: 17/08/2021 TIME: 09.00-11.00 AM**

**INSTRUCTION TO CANDIDATES**

* **The examination has FIVE (5) questions**
* **Question ONE (1) is COMPULSORY**
* **Choose any other TWO (2) questions from the remaining FOUR (4) questions**
* **Use sketch diagrams to illustrate your answer whenever necessary**
* **Do not carry mobile phones or any other written materials in examination room**
* **Do not write on this paper**

**This paper consists of TWO (2) printed pages *please turn over***

**QUESTION ONE (COMPULSORY)**

1. Define the following terms
   1. Cybercrime (2 marks)
   2. Computer ethics (2 marks)
   3. Intellectual property (2 marks)
2. Explain three ethical principals in IT (6 marks)
3. Explain three reasons to support teaching of IT Ethics in university (6 marks)
4. Explain Three legislation that applies to the computing profession (6 marks)
5. Explain how criminals have adapted the advancement of computer technology to further their own illegal activities (6 Marks)

**QUESTION TWO**

1. Define ICT policy (2 marks)
2. Explain the components of an ICT policy (8 marks)
3. Critique Kenya ICT policy (10 marks)

**QUESTION THREE**

1. Explain the differences between responsibility, accountability, and liability (6 marks)
2. With the help of a diagram explain the relationship between ethical, social, and political issues (6 marks)
3. Explain how people are the most important organizational resource, their information and technology literacy challenges, and their ethical responsibilities. (8 marks)

**QUESTION THREE (20 marks)**

1. Define ICT law (2 marks)
2. Explain the various types of intellectual property rights (8 marks)
3. The modern Information and Communication technologies are now presenting new challenges and seeking solutions which can only be attained through a combination of knowledge and expertise in practicing and applying the law in this area. Explain these ICT areas (10 marks)

**QUESTION FOUR (20 marks)**

1. Explain the characteristics of an ICT professional (6 marks)
2. Explain the key technological trends that heighten privacy concerns (6 marks)
3. There are various types of computer crimes. Explain them and how these crimes can be prevented in an organization (8 marks)

**QUESTION FIVE (20 marks)**

1. Explain the roles of ICT regulating authority like Communication Authority of Kenya (6 marks)
2. Explain the challenges to ICT Professional Practice and the strategies to mitigate the difficulties. (6 marks)
3. For poorer nations, ICT is probably a necessary if not sufficient, path to economic development. explain. (8 marks)