



UNIVERSITY OF GHANA

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B.Sc. INFORMATION TECHNOLOGY, FIRST SEMESTER EXAMINATIONS: 2016/2017

CSIT 201 – PROFESSIONAL, LEGAL, MORAL & ETHICAL ISSUES IN IT

INSTRUCTION:

Answer all the Questions in Section A in the answer booklet.

Answer Question B1 and any other TWO questions in the answer booklet

TIME ALLOWED:

TWO AND A HALF (2¹/₂) HOURS

SECTION A (15 MARKS)

1. A system of moral standards or moral values used as a guideline for computer users is referred to as?

- A. Ethics
- B. Computer Ethics
- C. Code of ethics
- D. Virtues

1. An act of engaging in any illegal activities involving computers is termed?

- A. Hacking

- B. Plagiarism
- C. Computer crime
- D. Computer theft

1. Which of the following is a guideline in ICT that helps determine whether a specific computer action is ethical or unethical?

- A. Virtues
- B. Ethics
- C. Code of ethics
- D. Principles

1. Which of the following can be defined as any activities taken to disrupt the equipment of a computer system, change the processing controls and corrupt stored data?

- A. Computer attacks
- B. Computer crime
- C. Computer theft
- D. Hacking

1. The unauthorized use of another person's property such as transfer of payment to the wrong account, get online materials with no cost and tap into the data transmission line can be termed as?

- A. Computer attacks
- B. Computer crime
- C. Computer theft
- D. Hacking

1. All the following is TRUE about laws except;

- A. It is a guideline to computer users
- B. It is a rule to control computer users
- C. It is used to prevent misuse of computers
- D. Failure to obey the law is a crime

1. What are virtues?

- A. The set of beliefs about right and wrong behaviours
- B. Generally accepted social norms
- C. Habits that incline people to do what is acceptable in the society
- D. The power a professional has over his/her customer

1. AITP is an acronym which stands for

- A. Association of Information Technology Professions
- B. American International Trained Professionals
- C. Association of International Technology Professionals
- D. Association of Information Technology Professionals

1. Copyright does not protect the form of expression of a work but the idea behind it

- A. TRUE
- B. FALSE

1. An act of illegally accessing other people's computer systems for destroying, disrupting or carrying out illegal activities on the network or a computer system is termed?

- A. Plagiarism
- B. Computer Theft
- C. Hacking
- D. Computer Abuse

1. Which of the following is not an intellectual property?

A. Trademarks

B. Patient

C. Design

D. Copyright

1. A foreign agent which when injected into a living body, feeds on it to grow and multiply, reproduces itself in the new environment, spreads throughout the entire victim's body and causes harm to the host body is known as?

- A. Virus
- B. Medicine
- C. Computer Virus
- D. Acid

1. People's good behaviours as well as bad behaviours defines their?

- A. Lifestyle
- B. Attitude
- C. Value System
- D. Vices

1. Which of the following concepts is the belief that ethics should be more concerned with the character of moral agent, rather than a set of rules dictating right and wrong actions?

- A. Deontology
- B. Virtue Ethics
- C. Analogical Thinking
- D. Social Contract

1. A court may restrain a party from committing a breach of contract by?

- A. Frustration
- B. Expiration
- C. Repudiation
- D. Injunction

SECTION B (85 MARKS)

Answer question B1 and any other TWO questions in this section.

B1. (35 MARKS)

A. i. CASE STUDY:

You are a doctor at the University of Ghana Hospital and you have been asked by one of your patients who is suffering from an incurable disease to take his/her life. As a professional doctor, what are some of the factor you need to take into consideration before granting the patient his/her wish? **[10 marks]**

ii. Differentiate between law and ethics **[6 marks]**

A. i. Explain the FOUR components of **TRUST relating to electronic commerce. **[8 marks]****

ii. Differentiate between an offer and an invitation to treat. **[2 marks]**

A. i. Explain any FOUR relevance of Copyright Laws to computer programming. **[6 marks]**

ii. Explain why technology is considered as a two edged sword. **[5 marks]**

B2. (25 MARKS)

A. i. Define contract and explain the three basic elements or requirements to creating a contract. **[7 marks]**

ii. Explain the following risks under hardware abuse and suggest ways of preventing them. **[4 marks]**

a. Damage by fire or flood

b. Theft of parts of computer systems

A. State and explain the following concepts; **[6 marks]**

- I. Utilitarianism
- II. Relativism
- III. Expiration of contracts
- IV. Breach of contracts

A. Explain the FOUR pillars of professionalism **[8 marks]**

B3. (25 MARKS)

A. Define electronic commerce and explain the FOUR key factors/requirements used to establish a good business ethics process **[10 marks]**

B. State and explain THREE constraints that affect human behaviours in our societies in relation to the use of computers. **[6 marks]**

C. i. Differentiate between a bilateral agreement and unilateral agreement **[3 marks]**

II. Explain the TWO categories of Computer Abuses. **[6 marks]**

B4 . (25 MARKS)

A. Discuss the THREE basic professional requirements. **[6 marks]**

B. i. Explain any FOUR characteristics of commitment. **[6 marks]**

ii. Define the following terms: **[3 marks]**

a. Ethics

b. Computer Virus

c. Virtues

A. i. Define Computer Abuse? **[2 marks]**

ii. Explain any FOUR Computer hardware abuse. **[8 marks]**

B5. (25 MARKS)

A. Explain THREE requirements of electronic commerce business strategy. **[6 marks]**

B. i. State the *Golden Rule* principle. **[1 mark]**

ii. State any FOUR Commandments of computer Ethics. **[6 marks]**

A. Compare and contrast Technological Determinism and Symptomatic Technology. **[6 marks]**

B. Discuss three uses of Computer technology. **[6 marks]**