



UNIVERSITY OF EDUCATION, WINNEBA
INSTITUTE FOR TEACHER EDUCATION AND CONTINUING
PROFESSIONAL DEVELOPMENT (ITECPD)



END-OF-SECOND SEMESTER EXAMINATIONS, NOVEMBER, 2023

LEVEL 400

COURSE CODE: JBT482

COURSE TITLE: LEGAL AND SECURITY ISSUES IN ICT

TIME ALLOWED: 2 HRS

STUDENT'S INDEX NUMBER:

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GENERAL INSTRUCTIONS:

- This paper is made up of ONE SECTION.
- The Section is made up of five essay type questions.
- Answer any THREE questions in your answer booklet.
- Each question carries equal marks. You are expected to start each question on a new page.
- You are expected to hand over your answer booklet to the invigilator before you leave the examination hall.

Instruction: Answer any three (3) questions in the answer booklet provided.

1. As a trained ICT teacher posted to teach in a nearby village, discuss any **five (5)** ethical implications of copyright in the digital age to your colleague who is a novice in your new school. **(20 marks)**
2. As an IT manager tasked with ensuring legal compliance in the company's IT practices, discuss any **five (5)** key legal issues related to information technology that the company needs to be aware of and address in its operations. **(20 marks)**
3. You are a privacy consultant hired by a technology company to assess and improve its privacy policies.

Task:

- a. Explain **two (2)** key aspects to consider when analyzing privacy policies, specifically focusing on the choice between **opt-in and opt-out** mechanisms. Compare and contrast these approaches. **(8 marks)**
- b. Provide **three (3)** reasons for choosing **opt-in** mechanism for your company. **(12 marks)**
- 4) The Ghanaian society has embraced, developed and implemented a complete strategy to ensure protection from security risks and safeguard confidential data. As an ICT curriculum implementer, enumerate any **five (5)** essential reasons for these computer security strategies and protection against cyber threats. **(20marks)**
5. a. Discuss how computer vulnerabilities can compromise the following **five (5)** system securities: reliability, confidentiality, integrity, usability, and undeniableness. **(15 marks)**
- b. Additionally, outline preventive measures that can be implemented to enhance security in each area above. **(5 marks)**

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