

**FACULTY OF SCIENCE AND TECHNOLOGY  
END OF SEMESTER EXAMINATIONS - MAY 2024/2025**

**PROGRAMME: BIT**

**YEAR/SEM: YEAR 3/SEMESTER 2**

**COURSE CODE: BIT3207**

**NAME: IT ETHICS AND PROFESSIONALISM**

**DATE: 2025-08-04**

**TIME: 2:00-5:00PM**

**INSTRUCTIONS TO CANDIDATES:**

1. Read the instructions very carefully
2. The time allowed for this examination is **STRICTLY** three hours
3. Read each question carefully before you attempt and allocate your time equally between all the Sections
4. Write clearly and legibly. Illegible handwriting cannot be marked
5. Number the questions you have attempted
6. Use of appropriate workplace examples to illustrate your answers will earn you bonus marks
7. Any examination malpractice detected will lead to automatic disqualification.

**DO NOT WRITE ANYTHING ON THE QUESTION PAPER**

## **Section A ATTEMPT ALL QUESTIONS IN SECTION A (40 MARKS)**

### **Question 1:**

Imagine you have friends operating a business of repair and maintenance of computers. But your friends have a habit of removing new good parts from the computers that they are given to repair and replace them with old but working parts. However, your friends approach you complaining that they lose customers daily and ask for your professional advice on how to operate so that they attract their customers again. As a trained IT Ethics professional, use the scenario to answer the questions below; a) Explain to your friends about professionalism and how professionals should behave **(5 marks)**. b) How would you advise them on how to associate with customers so that the customers get convinced your friends are people of integrity **(5 marks)**. c) How would you convince your friends about the personnel benefits of conducting themselves with integrity **(5 marks)**. d) If your friends got a misunderstanding and want to separate. What ethical approach to decision making would you employ when solving their issue and why **(5 marks)**.

## **Section B ATTEMPT THREE QUESTIONS IN SECTION B (60 MARKS)**

### **Question 1:**

a) With examples, explain the difference between Morals and Ethics **(4 marks)**. b) Explain the four common approaches to ethical decision making and state examples of situations when they are used **(4 marks for each approach)**.

### **Question 2:**

Imagine your friend got a retake two (2) times in a given course-unit and now wants to bribe the lecturer of that course-unit with some money in-order to make them pass. a) Explain to your friend about professionalism and how professionals should behave **(6 marks)** b) How would you advise your friend on how to show professionalism at school? **(6 marks)** c) How would you convince your friend about the personnel benefits of behaving in a professional way? **(8 marks)**

### **Question 3:**

Imagine you are employed as the IT Manager of a company producing electronics and computers. However, to your surprise, the company business is operated on many bad deals, the company produces a lot of fake electronic equipment and supplies them to the world. As a new Manager, your boss introduces to you how the business is conducted and asks for your great new ideas on how to operate the business, commitment and efforts to see the business grow. As a trained IT Ethics professional, use the scenario to answer the questions below; a) Educate your Boss about professionalism **(5 marks)** b) What new ideas would you give to your boss **(5 marks)** c) What reasons would you give to your boss to convince him that your new ideas would work **(5 marks)** d) What measures would you put in place to ensure that your new ideas would work and last long **(5 marks)**

### **Question 4:**

Your country is in a process of creating a law for Privacy over the internet. As the IT Ethics Minister, you have been contacted to give advice. **a)** Give advice about the various ways in which people's privacy is invaded or violated using the internet **(10 marks)**. **b)** Give advice about clauses that would be include into the said law to protect people's privacy over the internet **(10 marks)**.

#### **Question 5:**

In the wake of the most recent airline disaster in Asia, Uganda Airlines is seeking for a software development company to upgrade its aircraft safety software. The developed software must comply with the internationally set standards for quality software that are closely monitored by the International Civil Aviation Organization (ICAO). If you are to apply for this software development task, attempt the questions below; **a.** Explain the 3 Quality Management Activities **(6 marks)**. **b.** Explain at least four software quality attributes **(4 marks)**. **c.** With an illustration, Explain the software Capability Maturity Model (CMM) **(10 marks)**.

#### **Question 6:**

After writing an exam, the student realized that she has failed to exam because she could hardly answer any of the questions. She inquired from her friends on what to do and the friends advised her to find a way of becoming a friend to that lecturer so that his heart gets softened during marking. Then she bought a very nice shirt and gave it as a gift to the lecturer thanking him for teaching very well. The lecturer took the gift in good faith and both the student and the lecturer continued chatting as good friends. After marking of the exam scripts, the lecturer noticed that the student had failed the paper and informed her. The student pleaded to the lecturer for a favor and the lecturer got persuaded to make the student pass. The student told her friends who advised to her and one of her friends reported the scenario to the Ethics Officer of the university. **a)** Using your judgment as the Ethics Officer of the University, who is wrong and why? **(5 marks)** **b)** Do you consider the shirt given to the lecturer as a gift or a bribe? Give reasons for your answer **(5 marks)**. **c)** Given at-least three differences between a gift and a bribe **(6 marks)**. **d)** Give one advice to the lecturer and one advice to the students **(4 marks)**.