



Scott Christian  
UNIVERSITY  
*A Dynamic Centre of Academic Excellence*

## **SCHOOL OF PROFESSIONAL STUDIES**

### **BACHELOR OF INFORMATION COMMUNICATION TECHNOLOGY**

#### **UNIQUE CODE/NAME: BCT 423: IT AND SOCIETY**

**January - April/2022 Special Exams**

**- Time: 2 Hours**

**Instructions: Answer Question ONE (Compulsory) and any other TWO questions.**

#### **QUESTION ONE**

- a) Define the following terms
  - i) Information technology (1mark)
  - ii) Computing (1mark)
  - iii) Computer literacy (1mark)
  - iv) Information society (1mark)
  - v) Computer Ethics (1 mark)
- b) Describe five reasons why you think it is necessary to study IT and Society as a unit in your studies. (5 marks)
- c) Describe the features of well-designed ergonomic workstations for computer use. (5marks)
- d) There has been industrial change in the information society. Discuss five ways in which the industry has been transformed. (5 marks)
- e) Discuss five aspects of computer ethics that need to be frequently discussed in the society (5 marks)

#### **QUESTION TWO**

- a) Highlight five risks that are associated with repeated use of computers. (5marks)
- b) Describe any advantages of IT to the society. (5marks)
- c) Discuss five signs of a user with computer addiction in the society. (5 marks)

#### **QUESTION THREE**

- a) The issues of technologies and their role in contemporary society have been discussed in the scientific literature using a range of labels and concepts. Information society being one of them involves the following items. Briefly discuss each.
  - i) Information economy (1mark)
  - ii) Post-industrial society (1mark)
  - iii) Postmodern society (1mark)

- b) Explain three ways in which ICT has improved security in our society today. (6 marks)
- c) Assume that you are an employee of one of the county governments. Advise the county government management on six ways in which they can incorporate ICT for effective administration. (6 marks)

#### **QUESTION FOUR**

- a) Demography theory of society postulates that population patterns reflect a society's level of technology development and this is mainly projected through four phases/stages. Identify phases and state the key characteristics of those phases. (7 marks)
- b) Despite the increased usage of IT in the society, several challenges have been identified. Highlight any four of those challenges. (4 marks)
- c) Describe any four ways you can utilize the Global Positioning System in the society. (4 marks)

#### **QUESTION FIVE**

Discuss three ways in which IT can be utilized in each of the following areas in the society.

- i) Transport (3 marks)
- ii) Health (3 marks)
- iii) Communication (3 marks)
- iv) Education (3 marks)
- v) Government (3 marks)

***End of Examination***