PAN AFRICA CHRISTIAN UNIVERSITY
SCHOOL OF LEADERSHIP, BUSINESS AND TECHNOLOGY
END OF SEMESTER EXAMINATION FOR CERTIFICATE IN
INFORMATION & COMMUNICATION TECHNOLOGY
SEPTEMBER-DECEMBER 2021

DEPARTMENT:	**COMPUTING & INFORMATION TECHNOLOGY**
COURSE CODE:	**CICT0111**
CAMPUS:	**ROYSAMBU**
COURSE TITLE:	**INTRODUCTION TO COMPUTERS & OPERATING SYSTEMS**
EXAM DATE:	**21st DECEMBER 2021**
TIME:	**11.15AM-2.15PM**
DURATION:	**3 HOURS**

INSTRUCTIONS

● This exam script has **TWO (2)** sections.

● Read all questions carefully before attempting.

● Answer All questions in Section **A** and any other Four questions in Section **B.**

● Non programmable calculators permitted

● Calculators on phones, tablets and computers are NOT permitted in Theory Papers

PAN AFRICA CHRISTIAN UNIVERSITY
EXAMINATIONS PAPER

SECTION -A 10 Marks (Answer ALL questions in this section)

QUESTION ONE:

a) As an IT Student you have been requested to teach on the different types of computers. Name and explain the types you would mention.   **[4 Marks].**

b) You have been hired as the IT Technician for Marvel Institute of Technology and your first assignment is to set up a computer laboratory. Discuss some of the computer components you are likely to come across in accomplishing this assignment.**[2 Marks].**

c) Joy, an IT student has been requested to give advice on the type of printer to acquire for their home office. She happened to have mentioned Impact and Non Impact Printers. Explain the difference.   **[2 Marks].**

d) You have been tasked with the responsibility of ensuring both computer hardware and software are in good condition. Explain how you would distinguish the two.
[2 Marks].

SECTION B: 30 Marks(Answer any THREE(3) questions in this section)

QUESTION TWO (10 Marks)

Mary is an IT Technician at XYZ Company. The management has decided to procure new softwares for the company. As the IT expert for the company, what are the categories of software that Mary is likely to advise the management on?   **[10 Marks]**

QUESTION THREE

All books stored in PAC University must be keyed in the Computer before they are handed out to students. As part of the team responsible for keeping these records, identify some of the computer components you would utilize to input data into the Library Computer Database.   **[10 Marks].**

QUESTION FOUR

a) Computer Operating Systems are very essential and powerful. Elaborate why it is important to install Windows 10/Ubuntu Operating Systems in your computer.**[10 Marks].**

QUESTION FIVE

a) File Management is considered an important process in Computers. Explain.   **[5 Marks].**

b) Every computer is exposed to a risk whether it is a virus or unauthorized access. Explain some of the measures you would put in place to ensure the risk is managed.   **[5 Marks].**

QUESTION SIX

a) You have been hired by ABSA Bank to provide 5 different ways you would network their control rooms across Nairobi City. Explain the different topologies you would mention giving their advantages and disadvantages.   **[10 Marks].**