AMREF INTERNATIONAL UNIVERSITY

SUPPLIMENTARY PAPER

DATE: MARCH 2024	**DURATION: 2 HOURS**
INSTRUCTIONS: Answer question ONE and ANY OTHER TWO Questions	

Q1. a) Define the following terms   (10 Marks)

   i)   Computer
   ii)   Information Technology
   iii)   Central Processing Unit
   iv)   Internet
   v)   Information system (IS)

b) Computer is the backbone of ICT. Support this statement by discussing the THREE
   major functions of computer system.   (6 Marks)

c)   The Main Storage (Main Memory Unit) in computer system contains two types of

       memory chips, Discuss   (6 Marks)

d) As an information society, we must consider both the social and ethical implications

    of our use of computers. Define ethical implications in use of computers and discuss

    any THREE ethical concerns giving examples in each in use of computers

                                                                  (8 Marks)

2 a) Define Computer Virus and explain FOUR of it's characteristics   (10 Marks

   b)   Discuss the factors hindering widespread of ICT in Kenya   (10 Marks)

3 a*)* Using relevant examples, discuss any FIVE advantages of Internet to the society

                                                                  (10 Marks)

b) The keys on your keyboard can be divided into several groups based on their

functions: Discuss the grouping of keys in QWERTY keyboard   (10 Marks)

4a) Explain any FOUR negative impact of ICT (Information Communication and Technology) use in the 21st century   (8 Marks)

   b) Discuss the SIX components that must come together in order to produce information system   (12 marks)

Q5. a) Define computer network topology and discuss any the categories of network topologies available.   (10 Marks)

b) Despite its revolutionary role in medicine, telemedicine and e-health present challenges in the health care.   (10 Marks)