COURSE CODE: SCS 2111

COURSE TITLE: INTRODUCTION TO COMPUTER APPLICATIONS

EXAM VENUE: **STREAM:DIP CH**

DATE: 20/04/16   **EXAM SESSION: 11.30 – 1.00 pm**

TIME: 1.30 HOURS

INSTRUCTIONS:
1. **Answer Question 1 (Compulsory) and ANY other two questions**
2. **Candidates are advised not to write on the question paper**
3. **Candidates must hand in their answer booklets to the invigilator while in the examination room**

QUESTION ONE: (30 MARKS)

a) Draw and explain the Computer units interaction diagram (10marks)

b) Distinguish clearly between the following terms and give at least one example in each:

    i.   Input devices and Output devices (4marks)

    ii.   System software and application software (4marks)

    iii.   Volatile memory and non-volatile memory (4marks)

c) Explain four steps followed when saving a new document in Microsoft word (4 marks)

d) Explain the steps you would follow to create a folder in my documents location.

    (4 marks)

QUESTION TWO: [20 MARKS]

a) Computers have evolved through many generations over the years in the society. State and explain the first four generations the computers have evolved through (10 marks)

b) Discuss five characteristics of computers. (10 marks)

QUESTION THREE[20 MARKS]:

a) Explain three functions played by Central Processing Unit (CPU)/Processor (6marks)

b) State and explain four classifications of computers based on their capacity, prize and size (10marks)

c) State two types of RAM, and explain Two characteristics of a RAM (4marks)

QUESTION FOUR: [20 MARKS]

a) Computers have many applications in the world today. Discuss how computers can be used to improve Services in the health Sector in Kenya (10 marks)

b) State Five Microsoft access **objects** (5marks)

c) Highlight five benefits of Database to store information (5 marks)

QUESTION FIVE:[20 MARKS]

a) Discuss any Three types of computer networks you know (6marks)

b) Highlight any three Common Internet services (6marks)

c) List four Advantages of Networks (4marks)

d) State four Disadvantages of the internet (4marks)