(Knowledge for Development)

KIBABII UNIVERSITY
(KIBU)

UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS
THIRD YEAR FIRST SEMESTER

FOR THE DEGREE IN

(COMPUTER SCIENCE AND INFORMATION TECHNOLOGY)

COURSE CODE: BIT 314/CSC 311

COURSE TITLE: SOFTWARE ENGINEERING

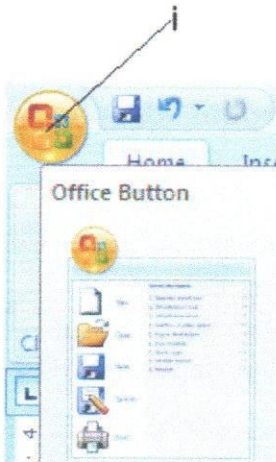**DATE: 20/07/2021**   **TIME: 2.00PM-4.00PM**

INSTRUCTIONS
ANSWER QUESTIONS ONE AND ANY OTHER TWO.

QUESTION ONE (COMPULSORY) [24 MARKS]

a) The following office button icon labeled 'i' is common in all Microsoft office 2007 productivity software. Explain any four features and functions of menu items found in its dropdown. **[8 Marks]**

b) What is a computer virus **[2 Marks]**

c) Explain four areas where a spreadsheet software can be used explaining the roles it would play **[4 Marks]**

d) Explain the following computing terms **[6 Marks]**

       i) Microprocessor-

       ii) Visual Display Unit (VDU)-

       iii) Utility Software

e) Describe the five computer generations explaining the characteristics of each generation **[10 Marks]**

QUESTION TWO [18 MARKS]

a. Briefly explain the tasks handled by the operating system in a computer system **[6 Marks]**

b) Discus any five-default items found on the windows desktop **[10 Marks]**

c) Explain the term computer network and describe where one can be used **[4 Marks]**

QUESTION THREE [18 MARKS]

a) Explain the two types of Ms Dos command giving examples **[3 Marks]**

b) Discuss the three types of buses found in computer system **[9 Marks]**

c) With the aid of a diagram describe the various memory types **[8 Marks]**

QUESTION FOUR [18 MARKS]

a) Explain why a computer is referred to as a system supporting your arguments with examples   **[8 Marks]**

b) Differentiate between a digital computer and an analog computer   **[4 Marks]**

c) Explain the importance of the following computer application software   **[6marks]**

QUESTION FIVE [18 MARKS]

a) Define the following terms

    i. Information   **[2 Marks]**

    ii. Data   **[2 Marks]**

    iii. System unit   **[2 Marks]**

    iv. Processor / computer   **[2 Marks]**

b) Describe the role of computer in the society   **[10 Marks]**

c) Differentiate between RAM and ROM   **[2 Marks]**