

AFB



(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.

15



(Knowledge for Development)

**KIBABII UNIVERSITY
KIBU
UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR**

**END OF SEMESTER EXAMINATIONS
YEAR ONE SEMESTER ONE EXAMINATIONS**

**DIPLOMA IN
(INFORMATION TECHNOLOGY, SOCIAL WORK AND
CRIMINOLOGY)**

**COURSE CODE : DIT 051 /DCR 053
COURSE TITLE : COMPUTER APPLICATIONS**

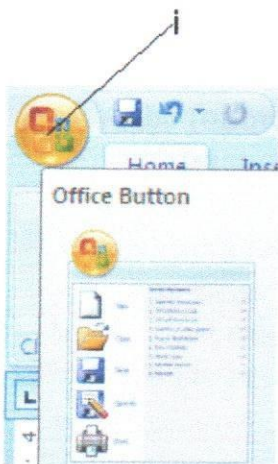
DATE: 15/07/2021 TIME: 2.00PM-4.00PM

**INSTRUCTIONS TO CANDIDATES
ANSWER QUESTIONS ONE AND ANY OTHER TWO.**

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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) Discuss 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]**

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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]**