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**KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY  
UNIVERSITY EXAMINATIONS, 2020/2021 ACADEMIC YEAR  
FIRST YEAR, FIRST SEMESTER EXAMINATIONS  
FOR THE DEGREE OF BACHELOR OF SCIENCE  
(BUSINESS ADMINISTRATION)**

**KBA 107 - INTRODUCTION TO MICRO COMPUTERS**

Date: 15<sup>th</sup> December, 2020  
Time: 2.30pm – 4.30pm

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**INSTRUCTIONS TO CANDIDATES**

**ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE (30 MARKS)**

- a) Explain any two roles that are being played by arithmetic/logic unit(ALU) of a computer. (4 Marks)
- b) State two types of printers and explain their differences (4 Marks)
- c) Name and differentiate between the two types of monitors (4 Marks)
- d) Perform the following conversions;
- i)  $65_8$  into Decimal (4 Marks)
- ii)  $1010111011_2$  into Hexadecimal (4 Marks)
- e) Briefly explain the functionalities of computers (5 Marks)
- f) Explain the functions played by Central Processing Unit (CPU)/Processor. (5 Marks)

**QUESTION TWO (20 MARKS)**

- a) Explain five application fields of computer systems (10 Marks)
- b) Describe five forms of computer application software (10 Marks)

**QUESTION THREE (20 MARKS)**

- a) Computers have evolved through many generations over the years in the society. State and explain the five generations the computers have evolved through. (10 Marks)
- b) Generate the reasons to justify why computers need secondary storage. (10 Marks)

**QUESTION FOUR (20 MARKS)**

- a) You have been asked by your company manager to assist them to purchase some computers. Explain what five factors you would consider when purchasing them (10 Marks)
- b) State and explain four classifications of computers based on their capacity, prize and size (10 Marks)

**QUESTION FIVE (20 MARKS)**

- a) Briefly discuss the services performed by computer operating systems. (10 Marks)
- b) Explain the advantages and disadvantages of computers. (10 Marks)