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**KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
UNIVERSITY EXAMINATION, 2013/2014 ACADEMIC YEAR  
FIRST YEAR, FIRST SEMESTER EXAMINATION  
FOR THE DEGREE OF BACHELOR OF SCIENCE  
(BUSINESS ADMINISTRATION)

Date: 26<sup>th</sup> April, 2013  
Time: 11.00am – 1.00pm

**KBA 107 – INTRODUCTION TO MICRO COMPUTERS**

**INSTRUCTIONS TO CANDIDATES**

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

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**QUESTION ONE (30 MARKS)**

- a) Explain the main components of Central Processing Unit (CPU). (6 Marks)
- b) Distinguish between system software and application software. (4 Marks)
- c) Explain four components of an information system. (4 Marks)
- d) Distinguish between digital and analogue computers. (4 Marks)
- e) Explain four benefits of automating business operations. (6 Marks)
- f) List six examples of input devices. (3 Marks)
- g) List three examples of operating systems. (3 Marks)

**QUESTION TWO (20 MARKS)**

- a) With aid of a diagram, describe the three levels of management in an organization. (8 Marks)
- b) Describe four types of information system. (12 Marks)

**QUESTION THREE (20 MARKS)**

- a) Distinguish between a file based system and databased system. (4 Marks)
- b) Explain three functions of database management system. (6 Marks)
- c) Explain five advantages of a databased system. (10 Marks)

**QUESTION FOUR (20 MARKS)**

- a) Distinguish between LAN and WAN. (3 Marks)
- b) Explain four benefits of a computer network. (8 Marks)
- c) With aid of a diagram, explain three network topologies. (9 Marks)

**QUESTION FIVE (20 MARKS)**

- a) Explain five factors considered when purchasing application package software. (10 Marks)
- b) Explain five functions of an operating system. (10 Marks)