



UNIVERSITY OF EMBU

2017/2018 ACADEMIC YEAR

TRIMESTER EXAMINATIONS

FIRST YEAR EXAMINATION FOR DIPLOMA IN LIBRARY AND INFORMATION STUDIES

LIS 053: INTRODUCTION TO ICT

DATE: AUGUST 6, 2018

TIME: 2:00 PM – 4:00 PM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (30 MARKS)

- a) Define the following terms
- | | |
|---|-----------|
| i) Information Communication Technology | (2 marks) |
| ii) Output devices | (2 marks) |
| iii) Hardware | (2 marks) |
| iv) Computer peripherals | (2 marks) |
| v) Operating System | (2 marks) |
| vi) Motherboard | (2 marks) |
- b) List two types of Computer Primary Storage devices (2 marks)
- c) Highlight the difference between the differences between the two primary storage devices in (b) above. (6 marks)
- d) List five computer information processing programs and explain their functions (10 marks)
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QUESTION TWO (20 MARKS)

- a) Computers have gone through different stages since it was first discovered, highlight its history and explain improvements that were made in each stage. (10 marks)
- b) Discuss any TWO main functions of an operating system (OS) and state the FOUR major types of operating systems. (10 marks)

QUESTION THREE (20 MARKS)

- a) List six computer components (6 marks)
- b) Using diagram, illustrate how computer components join together to make up a complete computer system. (12 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss why it is important to keep computer systems safe (10 marks)
- b) Explain essential ways you will use to keep computer safe (10 marks)

QUESTION FIVE (20 MARKS)

- a) Discuss the differences between the following Networks. (10 marks)
 - i) LAN
 - ii) MAN
 - iii) WAN
- b) Discuss Client Server as a type of networks and state three advantages using client-server model. (10 marks)

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