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SCHOOL OF COMMUNICATION AND COMPUTER STUDIES
END OF SEMESTER EXAMINATION
CERTIFICATE IN COMMUNICATION
JANUARY – APRIL 2025 SEMESTER
CCOM 1100: FUNDAMENTALS OF COMPUTING

NAKURU REGULAR

DATE: APRIL 2025 **TIME: 2 HOURS**

INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS FROM SECTION B.

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SECTION A (30 MARKS)

QUESTION ONE

a) Distinguish between hybrid computers and analogue computers. **(4 Marks)**
b) Define the following terms

i) Information **(2 Marks)**
ii) Communication **(2 Marks)**
iii) Computer **(2 Marks)**
iv) Information System **(2 Marks)**

c) State FOUR reasons why a computer is referred to as an electronic device. **(4 Marks)**
d) State at least FIVE hardware considerations that a person in media should consider before purchasing hardware for a computer system. **(10 Marks)**
e) State at least FOUR types of computers commonly found in the market. **(4 Marks)**

SECTION B (30 MARKS)

QUESTION TWO

a) Explain how different technology tools can make the communication channel more efficient. **(8 Marks)**
b) Differentiate between RAM and ROM. **(2 Marks)**
c) Distinguish between utility software and application software. **(5 Marks)**

QUESTION THREE

a) Describe how an information system is affected by the business environment in an industry of choice. **(10 Marks)**
b) State FIVE functions of operating systems. **(5 Marks)**

QUESTION FOUR

a) Using examples, write brief notes on the following

i) Input devices **(2 Marks)**

ii) Output devices **(2 Marks)**

iii) Central Processing Unit **(2 Marks)**

iv) Computer memory **(2 Marks)**

b) Discuss the impact of computers in the society. **(7 Marks)**

QUESTION FIVE

a) Define an operating system and state FOUR functions of operating systems. **(10 Marks)**

b) Describe the application of information systems in journalism. **(5 Marks)**

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