

**Name:** ..... **Stream:**.....

# UGANDA CERTIFICATE OF LOWER SECONDARY EDUCATION

# SENIOR ONE

## INFORMATION AND COMMUNICATION TECHNOLOGY

**TIME: 40 MINUTES**

1. Students of St. Mark went for a study to Rwentobo farm with the objective of establishing the number of crop species, animal breeds and the machinery used. The learners were able to obtain the data as shown below.

20 ankole cattle, 30 goats, 400 east African shorthorn zebu, 200 acres of coffee, 100 pigs, 40 hectares of cucumber

Learners were tasked to organize the obtained data according to their groups (plants, machinery and animals) upon returning back from the study trip and this was done in groups of 5 students.

## Task

- a) Which technical term can you give to the data which was organized by the students upon returning back? (2 marks)

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- b) Students were also instructed by the teacher to enter the sorted data into the computer for further analysis and reference. Explain and illustrate the stages through which the computer goes through to make it ready and meaningful to whoever can read it. (8 marks)

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[illegible]

2. Swiss high school in Nairobi has been selected to participate in the final debating competitions with your school in Uganda. However, it is expensive for the whole school to travel to South Africa. With the availability of ICT, it is possible for the debate to take place without the two schools meeting physically.

**Tasks**

- a) Explain how the debate between the two schools can be conducted with the use of ICTs. (10 marks)

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- b) Suggest the safety precautions that should be taken when using the ICTs. (5 marks)

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