

**PREMIER HIGH SCHOOL-KANONI**  
**S.1 END OF CYCLE EXAMS**  
**PRINCIPLES AND PRACTICES OF AGRICULTURE**  
**TIME ALLOWED 2 HOURS**

**INSTRUCTIONS**

- Attempt all questions.

**SECTION:A (25 MARKS)**

1. Recently 125 street children were captured on the streets of Kampala by KCCA. Among them were children aged 18 years and above who even appear to be able to work for their living. However they claim that that's the only option they have for survival. Agriculture for which you are a student seems to be having hopes for them since it has got many opportunities/occupations that would help them other than the street beggings and stealings.
  - a) As a student who offers Agriculture. What are some of these opportunities that would eliminate the cause. (5mks)
  - b) Suggest what the government can initiate or do to involve these children in Agriculture production. (8mks)
  - c) Choose any career amongst the above mentioned ones and describe how it would benefit your community. (2mks)
2. You have been appointed and given a responsibility to own a first aid box and administer first aid in case of any accidents in the Agriculture department of premier High School.
  - a) What could have contributed to your appointment?? (4mks)
  - b) How would you maintain the First aid box to stay in good working conditions? (4mks)
  - c) Describe how you would administer first aid to the case of snake bite?? (2mks)

**SECTION:B(35 MARKS)**

3. Local farmers usually ignore safety and health standards as applied to Agriculture however some have learned from experience the fact that they have lost parts of the body like fingers, legs, obtained wounds and lost eyes over ignoring the standards, This has exposed the victims to irritable pain, lameness and even lot of time has been wasted nursing wounds. Some have even abandoned going back to the fields and as a result of death, some families have been rendered vulnerable limiting production.
  - a) As a student of Agriculture, identify and suggest these standards for safety of public members and the precautions members should accept to avoid hurts and deaths. (10mks)
4. Mr.Kato is interested in starting a crop project(vegetable growing). He is equipped with a huge piece of land which he is confused about it's ability to support plant growth.As a student of s.1 who has knowledge about soil science.
  - a) Help Mr.Kato to determine the ability of his plot and decide whether to go on with the project or leave. (8mks)
  - b) How would he encourage the availability of soil living organisms in his field (2mks)
  - c) How would the increase of these organisms be important? (5mks)
  - d) Describe how you would determine the presence of Air in the soil. (10mks)