EBENEZER VOCATIONAL AND SECONDARY SCHOOL.

END OF TERM I 2024 EXAMS

S.4 BIOLOGY.

NAME…………………………………………………………….…SIGN………

**TIME: 2HOURS**

**INSRUCTIONS TO CANDIDATES**

**ANSWER ALL QUESTIONS.**

1. In a certain village in kawafu Entebbe, farmers usually plant bean seeds during the wet season and harvest them during the dry season. Mpagi a small village boy in that same village is still nervous of the reason as to why farmers do that activity during the rainy season.

**TASK**

**AS a biology student who has some knowledge about growth in plants, advice the villagers accordingly.(20scores)**

1. **A** 70 year old man has neck lump (swelling), frequent back pain and poor vision. Doctors further revealed that she has porous bones in her bones in her bone and Age-related long-sightedness. His family members may manage her condition through diet. The family people lack correct plan and nature of diet to administer.

**Task. Explain the cause for the old woman’s health condition; suggest how a suitable diet and sight defect correction would manage her condition. (You may include sight defect correction diagrams in your response).(20scores)**

1. The farmers in a community bought seeds for cassava, coffee and passion fruits and planted them. The plants took too long to mature even when all conditions were favorable. They talked to other farmers in the community who were growing onions, Irish potatoes, strawberries, bananas and ginger and they were facing the same problem. The farmers were frustrated and wanted an alternative way to grow these crops.

**TASK. Write a speech you would present to the farmers to resolve their frustration. (20scores)**

1. A school grows maize in their garden. One day the Biology teacher told learners o go and collect flowers. The learners went to the garden and removed all the inflorescence from the maize plants. That season the school did not get any harvest.

**TASK. Write a report to the head teacher to explain why they did not get any yields. (20SCORES)**

1. In recent years, the number of learners with visual and hearing difficulty enrolling into school to study with those without any impairment has grown all over Uganda. Unfortunately, there are only a handful of schools with specialized facilities that can favor learning with visual and hearing difficulty. Even when visual and hearing difficulties affect the ability to communicate effectively, some of the learners with such disability have been posting incredible results in national examinations. Learners with visual and hearing difficulty are now blaming the unfair situation for their performance, calling on authorities to ensure that fairness prevails.

**TASK. Explain by which learners with sight impairments can be helped to effectively learn in class. (20 scores)**

1. The head of guidance and counseling department in your school noted the increasing number of students asking awkward questions about the ‘strange’ changes in their bodies. The nurse also reported that some students were faking sickness to stay out of classes because of the humiliating changes they deal with, leading to low self-esteem and embarrassment. Most students complain of strange bodily fluids, stinky smell, restless mood, hair growing in unexpected places, emotional disturbances, whole-body pimples, sore breasts that also vary in size, wetting of under wears and beds, among others. In the latest meeting, the school counseling team resolved to organize counseling sessions for every class.

**TASK. Prepare 10 minutes (not less than 1300 words) speech for the school counseling team, to address the student’s concerns.** **Your speech should identify the source of the problems which the learners are facing and the strategies for coping with the situation. (20 scores)**

**END**