**HOPE HIGH SCHOOL KIZIBAWO**

**END OF TERM II EXAMS**

**S.1 BIOLOGY**

**TIME:2HRS**

**INSTRUCTIONS**

*Attempt all questions in section A and only one question in section B*

**SECTION A**

1 All living organisms were scientifically named according to the binomial nomenclature system discovered by cardus Linnaeus

a (i )What do you mean by binomial system of nomenclature

( ii) Ho is binomial system of nomenclature important in classifying organisms

b) Complete the table below by filling in the most correct genus name, species name and scientific name of the organism in the blank species

|  |  |  |  |
| --- | --- | --- | --- |
| organism | Genus name | Species name | Scientific name |
| Dog | Canis | Familiarizes | ……………………………… |
| Housefly | Musca | ……………………………….. | Musca domestica |
| Man | …………………………………… | Sapiens | Homo sapiens |

(c)State any three rules followed writing scientific names

2) The table below shows a group of items. Study it carefully and answer the questions that follow

**List**

Red blood cells, liver, platelets, lungs, white blood cells, roots, flower, guard cells, pancreas, epidermal cells

a(i)Identify those items which belong to animals.

(ii)Identify those items which belong to plants.

c) Define the following terms as used in levels of cellular organization

(i) Cell ii) tissues iii) organs

3. Life process are necessary to all living organisms in order to survive .Therefore different organisms exhibit different life life processes which sustain their lives

i) State all the seven life processes exhibited by living organisms in nature.

ii) State the importance of each life process shown in (i) above to organs.

4) In 2020, a global pandemic broke up and affected almost every country in the world .There were a lot of deaths across the world and prolonged lock down that even caused closure of schools. The disease as caused by strange virus that scientist later isolated.

a (i)write down the name of the virus that affected the world that year.

(ii)Name the disease caused by the virus above.

b) State to ways in which the above virus can be spread from one individual to another.

ii) Give three signs and symptoms of this disease by the above virus.

iii) How can the control of the above virus controlled? Give three ways

**SECTION B**

5) The inter-school debate is set to take place in the course of this term, and the motion is already spelt out as follows

**“BIOLOGY SHOULD BE SCRAPPED OFF THE NEW LOWER SECONDARY CURRICULUM”**

Given that your school stands on the opposers side of the debate, spell out the key points you would give as the school representative .give examples where necessary.

6) In multi-cellular organisms all understand that not all cells are of the same size and shape. Some cells adopt unique structural features to enable them perform different functions effectivetively.

Using your knowledge of cells, outline different examples of specialized cells (may be from animal or plants or both); stating specific role played by each in the body.

**\*\*\*\*WISHINGYOU NICE HOLYDAYS, STAY SAFE\*\*\*\***