**MITYANA TOWN SEC. SCH**

**END OF YEAR 2022 EXAMINATION**

**S.2 GEOGRAPHY**

**Instructions;**

* **Answer FOUR questions in all**
* **All questions carry equal marks.**

**Avoid copying because it will lead to cancellation of your exam.**

1. Study the table showing climate statistics of Town X in Uganda an answer the questions that follows;

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Months** | J | F | M | A | M | J | J | A | S | O | N | D |
| **Temp. (°C)** | 27 | 28 | 31 | 30 | 28 | 28 | 28 | 28 | 30 | 32 | 31 | 30 |
| Rainfall(mm) | 20 | 24 | 16 | 4 | - | - | 5 | 10 | 20 | 27 | 50 | 24 |

SOURCE: henryssembatyageog.Archives

(a) Using the above information in the table, Draw a suitable graph to portray the climate of Town X in Uganda

(b) Calculate the; (i) Mean annual temperature

(ii) Annual range of temperature

(ii) Mean annual rainfall

(iv) Total rainfall

(c) With reasons, state the hemisphere where Town x is located.

(d) Mention three places in Uganda with such climatic data.

(e) As Geographer, which economic activities would you suggest for people living in an area with such climate statistics? Give reasons for your response.

(f) Describe the characteristics of climate of Town X shown in the table above.

2(a) Around your school, what kinds of plant life can you see?

(b) Was it planted by man or grew on its self?

(c) In case it grew up on its self, what could be the cause of that?

(d) Identify some of the plants that can be used as medicinal herbs for specific ailments/ diseases?

(e) If you were the Chairperson of your District, what programs would you encourage to promote the formation of convectional rainfall in your area?

(f i) Identify the most common type of rainfall received in East Africa.

(ii) Why do you think that type of rainfall identified in (f) above is most common in East Africa.

(g) Show the illustration to verify the formation of rainfall identified in (f) above.

(h) How has climate and vegetation influenced human settlement and lifestyle in your school community?

3(a) Where does the Earth get its heat from?

(b) How much of the heat from the sun’s rays is absorbed by the atmosphere before it reaches the Earth?

(c) Does all the heat which goes back into the atmosphere escape from the Earth? What happens to some of it?

(d) What happens to the heat from the sun’s rays when it reaches the Earth? Explain how this is useful for life to thrive on Earth?

4(a) In three sentences, distinguish between enhanced and natural global warming.

(b) Find out the major causes of enhanced global warming in East Africa.

(c) Explain how climate change can be solved in East Africa.

(d) In brief, how is a greenhouse similar to atmosphere in reference to global warming, and also describe what global warming mean to you.

(e) In project work III, we have to carry out on fighting climate change by planting more,

(i) Discuss the steps should be followed to make that project successful.

(ii) Describe how planting of tree help to fight climate change in East Africa.

5(a) Study the table below showing the common preservation methods of fish used on Lake Victoria in Kenya.

|  |  |
| --- | --- |
| Preservation methods | Percentages (%) |
| Icing | 43 |
| Deep frying | 25 |
| Sun – drying | 10 |
| Salting | 13 |
| Smoking | 09 |

Identify the fish preservation method most used?