**S.3 Geog holiday work revision questions**

1. Study the table below showing the climate of station Y and answer the questions that follow:

 Station **Y**: (Altitude 1112metres)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Months** | **J** | **F** | **M** | **A** | **M** | **J** | **J** | **A** | **S** | **O** | **N** | **D** |
| **TEMP(0C)** | 24 | 25 | 24 | 23 | 23 | 22 | 21 | 22 | 22 | 22 | 22 | 23 |
| **R/FALL(mm)** | 10 | 51 | 89 | 170 | 211 | 145 | 155 | 216 | 170 | 160 | 96 | 43 |

a) Draw a suitable graph to show the climate of station **Y.**

b) Calculate the annual:

 (i) Range of temperature (ii) rainfall total (iii) mean temperature

c) Describe the characteristics of the climate at station **Y**.

d) Giving reasons for your answer,

 (i) Name the hemisphere, in which station **Y** is found,

 (ii) Outline the economic activities that can be carried out around station **Y**.

2. Study the table provided showing natural forest cover in East Africa and answer and questions that follow:

 East Africa: Area under forest cover (‘000sha)

|  |  |  |  |
| --- | --- | --- | --- |
| **Country** | **1980** | **1990** | **2000** |
| Kenya | 1,400 | 1,300 | 1,200 |
| Tanzania | 38,000 | 34,000 | 32,000 |
| Uganda | 7,000 | 6,400 | 6,100 |
| East Africa | 46,000 | 41,700 | 39,300 |

a) Draw a line graph to show the trend of forest cover destruction in East Africa btn 1980–2000.

b) (i) Calculate the percentage change in the area under forest cover for each country shown in the table between 1980 and 2000.

 (ii) Name the country in East Africa which has experienced the:

 a) Highest **b)** lowest,

 rate of forest cover destruction between 1980 and 2000.

c) Explain the conditions which have led to loss of forest cover in East Africa.

d) Explain the effects of deforestation on the environment in East Africa.

e) (i) Outline the steps being taken to solve the problems of deforestation in East Africa.

 (ii) Name any two areas in East Africa covered by natural forests.

3) Study the table showing the climate of station **X** and answer the questions that follow:

 Station **X**: (Altitude 1067metres)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MONTHS** | **J** | **F** | **M** | **A** | **M** | **J** | **J** | **A** | **S** | **O** | **N** | **D** |
| **TEMP(0C)** | 23 | 23 | 22 | 22 | 22 | 20 | 19 | 19 | 22 | 24 | 25 | 24 |
| **R/FALL(mm)** | 203 | 191 | 356 | 627 | 244 | 109 | 33 | 31 | 28 | 05 | 114 | 190 |

a) Draw a suitable graph to show the climate of the station.

b) Calculate the annual: (i) rainfall total (ii)range of temperature (iii) mean temperature

c) Describe the characteristics of the climate experienced at station **X**.

d) Giving reasons for your answer,

 (i) State the hemisphere, in which the station is located,

 (ii) Outline the economic activities that can be carried out around station **X**.

9) a) Draw a sketch map of East Africa and on it, mark and name:

 (i) Rift valley

 (ii) mountains: Usambara and Moroto,

 (iii) Lakes: Naivasha and Manyara

 b) Describe the processes which were responsible for the formation of the rift valley.

 c) Explain the benefits of the rift valley to the people of East Africa.

 d) outline the problems faced by the people living in the rift valley area of East Africa.