**FORM ONE GEOGRAPHY MID TERM 3 2022 EXAM**.

**NAME ………………………………………………………………..CLASS……… ADM. NO………….**

**ANSWER ALL THE QUESTIONS**. **TIME: 2 HOURS**

1. (a) Define the term environment. (2 mark)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [b] Give four areas studied under Practical Geography. [4 marks]

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

2. [a] State three weaknesses of the passing star theory. [3 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

 [b] Briefly describe the shape of the Earth. [3 marks]

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

[c] Explain three proofs that the Earth is spherical. [6 marks]

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [d] State four characteristics of the Mantle. [4 marks]

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

3. [a] What is a Weather Station? [2 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [b] State four factors to consider when choosing a suitable site for a Weather Station. [4 marks]

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [c] Give three main ways through which the atmosphere is heated. [3 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

 [d] Name five factors that influence the Temperature of a place. [5 marks]

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

4. [a] What are statistical methods? [2 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [b] Give three secondary sources of statistical data. [3 marks]

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [c] The table below shows value of Kenya’s Principal imports between 2013 and 2016 **in Ksh million**.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **IMPORT** | **2013** | **2014** | **2015** | **2016** |
| **PETROLEUM PRODUCTS** | **253,000** | **293,000** | **215,000** | **284,000** |
| **INDUSTRIAL MACHINERY** | **231,000** | **257,000** | **212,000** | **254,000** |
| **MOTOR VEHICLES** |  **83,000** | **102,000** | **118,000** |  **86,000** |
| **IRON AND STEEL** |  **81,000** |  **76,000** |  **88,000** |  **75,000** |

[i] What is the difference in value of imported Industrial Machinery and iron and steel in the year 2016? [2marks]

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………..

[ii] Calculate the percentage increase in import value petroleum products between 2013 and 2014. [3 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 (iii) What is the total value of imports to Kenya in the year 2015? (2 marks)

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

5. [a] Define the term Field Work. [2 marks]

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………...

 [b] List the three types of Field Work. [3 marks]

…………………………………………………………………………………………………………………………………………………

 [c] Suppose you were to carry out a field study at aWeather Station near your school.

 [i] Give three appropriate methods that you would use to collect data. [3 marks]

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [ii] State three follow up activities for the Field Study. [3 marks]

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

6. [a] List three types of scale in mapwork. [3 marks]

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [b] Convert 1cm to represent 500metres to representative fraction scale. [2 marks]

 [c] Give five common marginal information on Topographical Maps. [5 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

7. [a] [i] What are Igneous Rocks? [2 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [ii] Give two examples of Volcanic Rocks. [2 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [b] State three characteristics of Sedimentary Rocks. [3 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….

 [c] State five contributions of Rocks to the economy of Kenya. [5 mark]

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [d] List two types of rock metamorphism. [2 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

8. [a] What is Mining? [2 marks]

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

 [b] Give four ways in which minerals occur. [4 marks]

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

[c] The diagram below shows a method of mining.

 

[i] Name the parts labelled E,F and G. [3 marks]

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

[ii] Explain four benefits of Gold mining to the economy of South Africa. [8 marks]

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

……………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

…………………………………………………………………………………………………………………………………………………