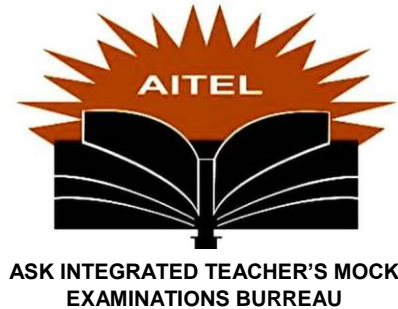


273/1  
GEOGRAPHY  
PAPER 1  
JULY/AUG 2024  
2hours 45 min



## AITEL JOINT MOCK EXAMINATIONS.

### Uganda Certificate of Education

GEOGRAPHY

PAPER 1

2 Hours 45 minutes

#### INSTRUCTIONS TO CANDIDATES:

*This paper consists of six examination items. It has two sections; A and B.*

*Section B has **two** compulsory items.*

*Section B has **two** parts; I and II. Answer **one** item from each part. Answer four examination items in all.*

*Any additional item(s) answered will not be scored.*

*All answers **must** be written in the Answer booklet(s) provided.*

## SECTION A: Map and Photograph Skills

Answer *all* items in this section

### Item 1: Map Skills.

For this item use the East Africa 1:50,000 (UGANDA) Katungulu map extract series Y732 sheet 79/2 Edition 3 USD, the information in the text below, support materials provided and answer the tasks given

- a) Mr. Kigozi a business man from Mbale approached the authorities in Katunguru in search of an area where he would set up a project of fish farming. He obtained a lease on an area of Kazinga channel. The authorities requested him to pay shs. 30 million for a square kilometer of land. However, the environmentalists in the region were angered by the authority's decision and they wanted to block the move.

Task:

- i). Calculate the total amount of money Mr. Kigozi paid to authorities
- ii) If you were given a chance to come up with ways of developing Katunguru landing site what economic activities would you set up their and why?

Why did the environmentalists oppose the decision by the authorities to lease the land to the investor?

- b) The resident in Katunguru area depend on climate to carryout activities such as crop cultivation, livestock rearing, fishing, transport and trade. However, they have limited knowledge about the climatic elements in the area and sometimes they incur losses in their activities. The meteorological department conducted a survey and obtained climatic information for Kakungulu.

### SUPPORT MATERIAL

Table showing climatic information for KATUNGURU

ELEMENT	VALUE
Annual average temperature	22.16 °C
Annual average rainfall	178.21mm
humidity	71
Warmest month	Feb (17.3 °C)
Wettest month	June (16 °C)
Driest month	July (43.9 mm)
Rainy days	235
Days without rain	129

Task:

Using the Katunguru map extract and the data in the table above prepare a write up between 250-300 words informing the residents that the climate in their district is as a result of several factors.

## **ITEM 2: Photograph Skills**

Study the photograph taken from a mining area in east Africa and the text below it



The government has discovered a valuable mineral resource in the area shown on the photograph and has licensed a mining company to exploit the mineral. The government wants to use the proceeds from the mining activity to pay external

debts and provide social services to the people. The area has a river and natural woodland which doubles as a wildlife conservation center. While some people have welcomed the move by the government others have opposed it arguing that the project is going to affect their area one of the local! Newspapers has instructed its staff to interact with the people of the area and establish the concerns of those opposed to the project.

**TASK:**

- a. Use a landscape sketch to show the features in the photograph.
- b. Use a suitable method to illustrate the mining activities at the site.
- c. As a staff deployed in the area by the local newspaper prepare a report to be published informing the general public about the concerns of the people you met

## SECTION B

*This section has **two** parts **I** and **II***

### **Part I**

*Answer **one** item from this part.*

#### **Item 3**

Study the text and the photograph provided and use them to answer this item.

Jayden is a native of Rwanda and has been working for the United Nations

Organization under the department of the Red Cross based in Geneva in Switzerland.

During his days at the headquarters, he used to take his family to the countryside for leisure and recreation. He greatly admired the area especially the series of rising peaks dissected by prominent valleys some of which accommodated flowing streams. His family is pressing him to relocate to Africa at the end of his contract in an area with similar characteristics as the places they used to tour. However, they lack adequate knowledge about such an area and what to engage in.

Support Material



TAST:

Prepare a write up through which you provide the family with relevant information



**Item 4:**

John Deng lives in the South Sudan region of Bahr el Ghazel. an area traversed by several Streams such as White Nile. He and other residents are living in abject poverty although the presence of rivers in the area would boost farming, fishing, transport and local crafts industries. The people in the area are not taking advantage of the water resource which they claim has brought economic misfortunes. The government has authorized you to visit the area and establish the communities' attitude towards rivers in the area.

**Support Material****Task:**

Write a report to the government indicating the community's concerns about rivers in the area.

## PART II

Answer **one** item from this part

### Item 5

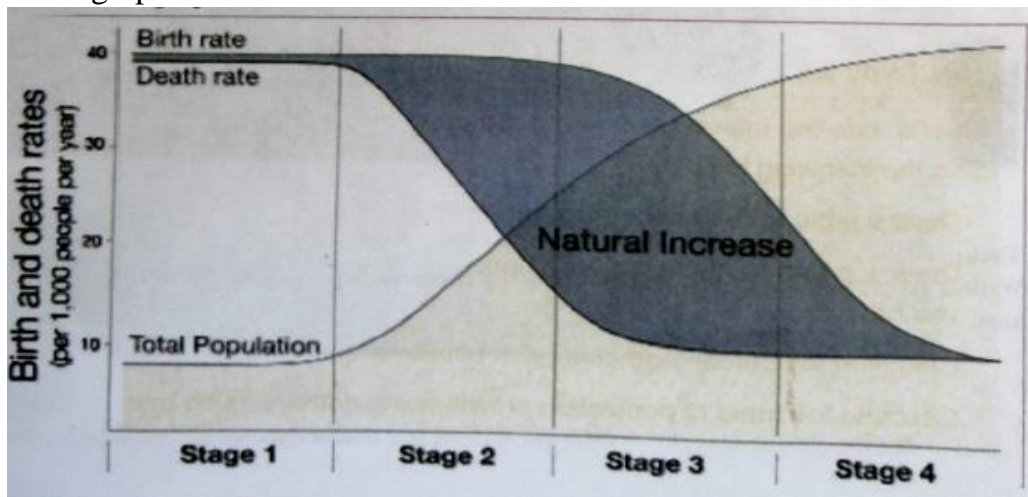
Africa is one of the continents that are experiencing rapid population growth. By the end of 2023 the total population was estimated to be 1,460,481,772 people. To make matters worse the poorest nations are experiencing high population growth rates. These include South Sudan 4.78, Niger 3.66, Burundi 3.59 and Equatorial Guinea 3.36. This trend in population greatly affects the countries efforts towards development and keeps the population in a state of misery. The African Union is appealing to member countries to address the circumstances that lead to the population trends described in the text and the table below

### Support Material

A. Table showing African's population between 2019 and 2023

YEAR	POPULATION (MILLIONS)
2019	1327
2020	1360
2021	1393
2022	1426
2023	1460

B. Demographic transition model



- Use a suitable statistical method to represent the data in the table above.
- Write a speech you will deliver at the meeting with the authorities in the countries about the facts behind the population trend.

## **ITEM 6**

New sugar manufacturing industries have been established in Kakira, Lugazi, Kamuli, Bugiri, Kaliro and Mayuge in Uganda. These industries have contributed a lot to the development of these areas in a way that most youth have got jobs and there has been development of infrastructure because of these industries. There are other benefits from these industries. Imagine you are native of these areas and you have been invited for a conference on the theme ‘promoting agro-based industrialization in rural areas to represent your community.

### **SUPPORT MATERIAL**



Task:

As a geographer write a presentation of about 500 words on rural agro-based industrialization.

**END**