273/1

GEOGRAPHY

Paper 1

July/August 2026

2 hours 45mins

BUIKWE GEOGRAPHY TEACHERS' ACADEMIC ASSESSMENT BOARD

'Excellence through assessment'

BUGTAAB MOCK ASSESSMENT 2026

Uganda Certificate of Education

GEOGRAPHY

Paper 1

2 hours and 45minutes

INSTRUCTIONS TO CANDIDATES

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

Section **A** *has* **two** *compulsory items.*

Section **B** *has part;* **I** and **II**. *Respond to* **one** *item from this part*

Answer **four (4)** *examination items in all.*

You may use diagrams, where applicable to illustrate your responses.

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

All *responses* ***must*** *be written in the answer sheet(s) provided.*

Responses to each part of the item must be started on a fresh

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SECTION A

*Respond to **both** items in this section.*

Item 1: Map Skills

For this item, use the EastAfrica 1:50000 (UGANDA) KOC Map Extract part sheet 22/3,series Y 732 Edition 1 U.S.D and the information in the text to respond.

KOC is one of the least developed districts in Northern Uganda. The area has distant social services, subsistence agriculture, few improved access roads, absence of processing industries and high levels of poverty among the population. However, the area has a great potential for development because it has vast areas with a variety of relief features, drainage features, a variety of vegetation types and climate with many characteristics. These resources have not been fully utilized to cause development in the area, and this has drawn concerns from the local leaders, government, Community Development Organizers (CDO) and development partners on how the livelihood of people can be improved.

To open up more areas for investment, the Koc local government through the China construction company has plans to construct feeder road from GR 11O875 to GR 030855 in order to increase accessibility in the southern parts of Koc and also extend a water pipe-line in the area following a loose surface road from Koc road junction (081882) to Gulu.The engineers need to get all the necessary infomation about relief of the area.

A one-day capacity building workshop has been organized where you have been invited to attend with the community and other various stake holders to discuss the relationship between climate and natural vegetation and how the natural vegetation influences way of life of the people.

Tasks

(a) Using an appropiate sketch diagram,illustrate the relief of the area and determine the alignment of the loose surface road from koc road junction to pakwach.
(b) Make a write up that you will use in the workshop to address the matter identified in the scenario.

Item 2: photographic Skills

Gabon is one of Africa's most forested countries, with approximately **88%** of its land covered by tropical rainforest. These forests form part of the Congo Basin, the world's second-largest tropical rainforest after the Amazon. They are home to diverse wildlife, including forest elephants, gorillas, chimpanzees, and thousands of plant species. Gabon's forests also play a vital role in regulating the climate by absorbing large amounts of carbon dioxide, protecting water catchments, and supporting the livelihoods of rural communities.

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The forestry sector is one of Gabon's major economic contributors through providing employment, source of government revenue, and export earnings through timber products such as okoumé, a valuable hardwood used in manufacturing of plywood. Local communities depend on forests for fuelwood, medicinal plants, food, construction materials, and cultural practices

Despite these achievements, Gabon's forests face increasing pressure from illegal logging, mining activities, road construction, agricultural expansion, and population growth. Climate change has also increased the risks of forest degradation through changing rainfall patterns and rising temperatures. While the government has established a network of national parks covering about 11% of the country's land area and promoted sustainable forest management through certified logging concessions, balancing economic development with environmental conservation remains a significant challenge.

Recognizing these competing interests, the African Union, in partnership with the Food and Agriculture Organization (FAO), has organized a regional forestry summit in which you are invited to be part. Delegates from governments, forestry companies, environmental organizations and local communities have been invited to develop practical strategies for conserving Gabon's forests while ensuring sustainable economic growth and improving the livelihoods of its people.



Tasks

(a) Using a suitable geographical layout plan, show the area in the photograph and illustrate the major land use activities taking place in the area shown in the photograph.

(b) Write a report to show the sustainable forest management strategies that balance environmental conservation, economic development, and community well-being.

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SECTION B

*Respond to **one** item from this part*

Item 3

Nyakasura is one of the well-known local tourism destinations for many local tourists located in Fort-Portal western Uganda. About 60%--75% of visitors to **‘’Amabere Ganyina Mwiru’’** are locals and the remaining 25%- 40% are international tourists. At the end of last year, a tour was organized by the Buikwe Geography teachers’ Academic Assessment Board (BUGTAAB), that led a group of tourists from different parts of the district to western Uganda and ‘‘Nyakasura’’ was their first place of destination.

While in the area, they observed the an underground hollow, finger-like protrusions at the roof of the cave, other protrusions were at the floor and they were excited, impressed, and wondered how such features came into existence.

You were picked as a team leader to guide the local people on how those features came into existence.

Support Material:



Tasks:

(a) Identify any two-landforms mentioned in the scenario and describe how they came into existence.

(b) Present a report to educate the people living near the area on how they can use the features for the development and create wealth.

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Item 4

The group of tourists visited the foothills of the three great East African mountains of Kenya, Kilimanjaro and Rwenzori, the local communities that have lived there for generations, surrounded by interesting landscape shaped by glaciers. The communities are predominantly agricultural dependent. The local people rely on mountain water resources and fertile soils. Of recent, the local authority developed a tourism industry in order to create alternative sources of revenue for the area.

Their guide, an experienced mountaineer, pointed out several distinct glacial features among which they observed as indicated in the table.

Feature A	**Feature B**	**Feature C**
a **sharp-pointed and horn-shaped mountain peak** standing as the highest point in the range	**a narrow knife-edge like ridge rock** and radiating in all sides of the mountain	a large **armchair-shaped depression** that now contained a small clear lake called a tarn

The tourists wanted to understand how each feature was formed but, their guide could not explain to them. The Local authorities are worried that lack of knowledgeable guides may result into missed opportunities for meaningful interactions between the tourists and guides, impacting negatively on the industry.

This worrying situation forced some guides to approach you to help them with detailed information about the origin and evolution of those glacial features they had observed during the tour.

Support material



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Tasks:

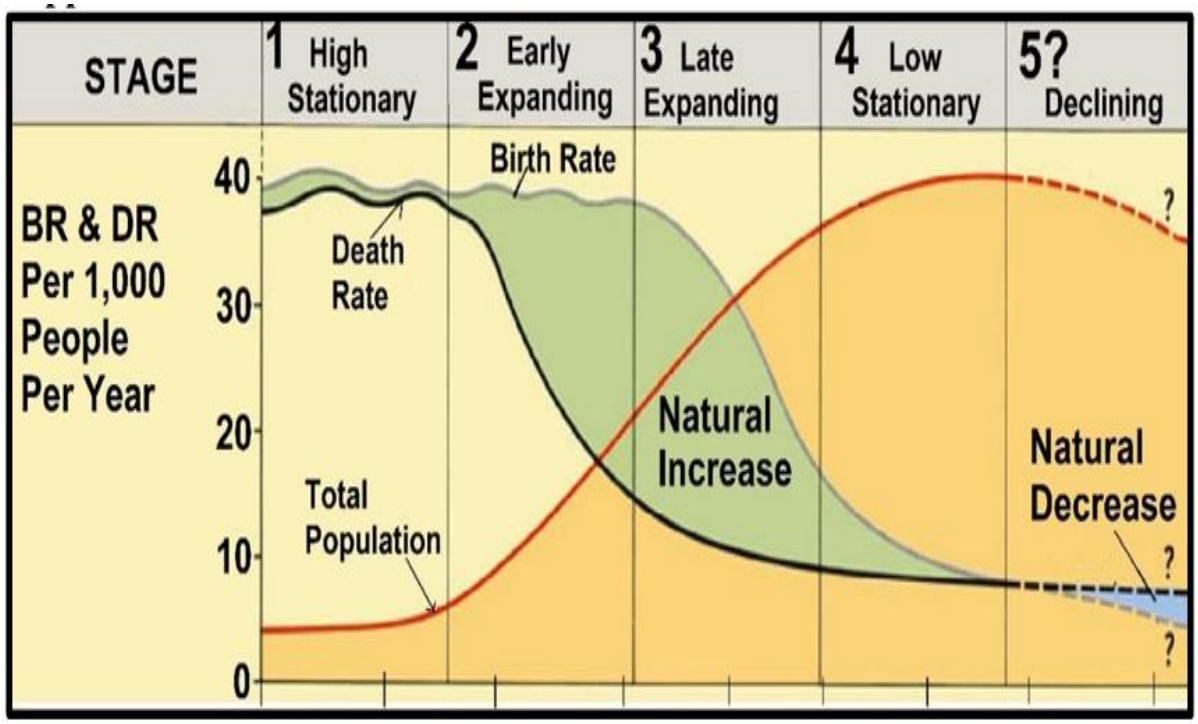
a) Guide the tourists about the formation of features identified in the table above.
b) Present an informative document on how the formations of these features affect wellbeing of communities in the area.

Item 5

The theory of Demographic Transition Model states that the shift toward low mortality and fertility rates occurs when there is a process of overall modernization resulting from industrialization, urbanization, education, empowerment of women as well as substantial overall social economic development.
Africa's population trend following the Demographic Transition Model is unique in its lower initial point, longer duration and potentially lower peak population compared to other continents.Sub-Saharan Africa in particular experiences high fertility rates and large youthful population leading to potential "demographic returns" if managed effectively according to the World Bank. But if not handled well, it may result into a'' demographic turmoil''.

You were selected to represent Uganda in the workshop on behalf of Uganda Bureau of Statistics **(UBOS)** organized by African union to find the practical solutions your country can adopt to attain the fourth stage of the demographic transition mode.

Support Material:



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Tasks:

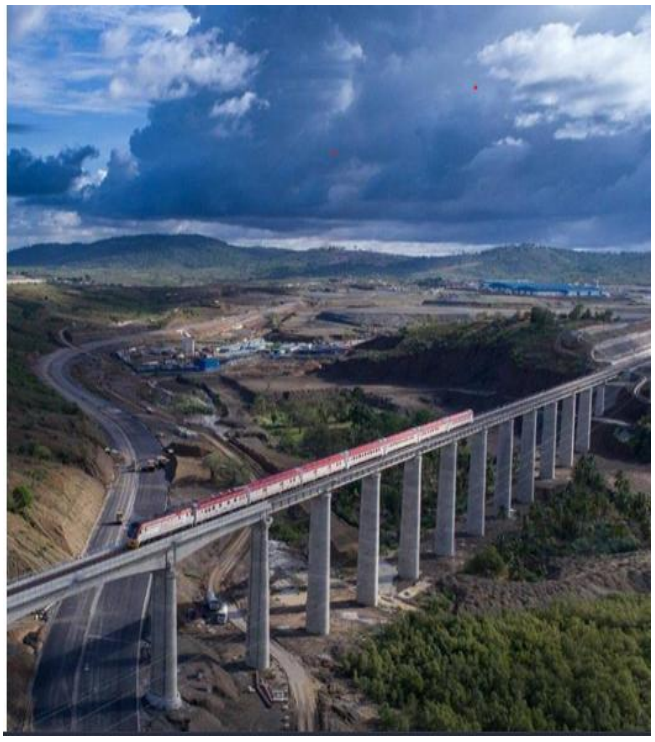
a) Giving reasons for your responses, identify the stage of the 'Demographic Transition Model' in which Uganda is likely to be.
b) Make a write up to bring out what Uganda can do to attain the status of those economies in (Low Stationary) stage.

Item 6

The East African region has various modes of transport that facilitate the movements of goods and people. The Ministry of Works and Transport carried out a recent survey and collected data on the number of passengers using different modes of transport in the three East African countries, Kenya, Tanzania and Uganda.
The survey reported the following data; In Kenya **2 million** passengers use roads, 1.5 millions use railways, **o.5 millions** use air and **0.2 millions** use waters. For Tanzania 3 millions passengers use roads, **1 millions** use railways**, 0.8 millions** use air and **0.5 millions** use waters.And Uganda **1 million** passengers use roads, **0.5 millions** use railways**, 0.3 millions** use air and **0.1 million** use waters.

You were picked to represent your country on the parliamentary committee that is to discuss the ways of improving the least used mode of transport by passengers.

Support material





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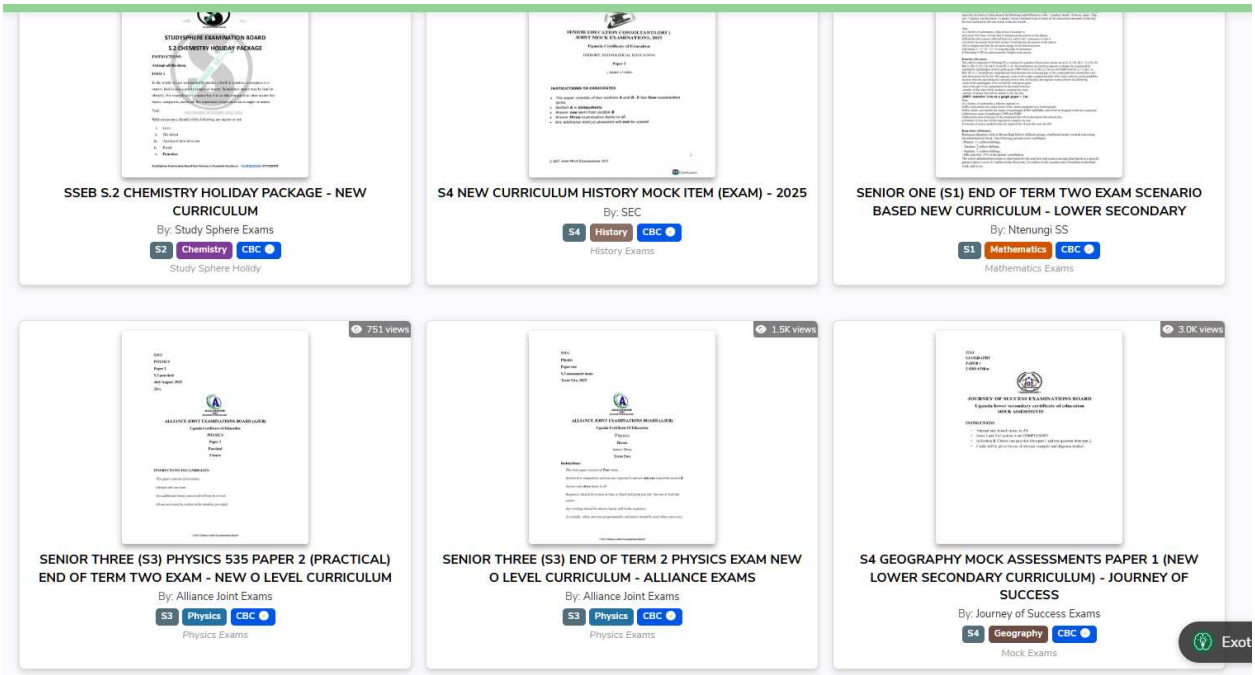
Tasks:

a) Use a suitable statistical table to portray the information in the scenario and write an informative document to the parliamentary committee on the transport mode least preferred by passengers.
b) Suggest measures that can be adopted to improve on the least used mode of transport in East Africa

END

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