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GEOGRAPHY

Paper 1
July/August.2025

2 ¾ hours



KYENJOJO-KYEGEGWA JOINT ACADEMIC BOARD MOCK EXAMINATIONS 2025

Uganda certificate of education

GEOGRAPHY

Paper 1

2 hours 45 minutes

INSTRUCTIONS TO CANDIDATES:

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

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

*Section **B** has two parts; **I** and **II**. Answer **one** item from each part.*

*Answer **four** items in **all**.*

You may use diagrams where applicable to illustrate your answers.

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

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

SECTION A

*Answer **both** items in this section.*

Item 1: Map Skills

For this item use the EAST AFRICA 1:50,000 (UGANDA): NAKASONGOLA, map extract sheet 50/2 series Y732 Edition 1-USD to respond to the tasks.

Nakasongola is characterized by scrubs, scattered trees, thickets, woodlands and some seasonal swamps. This vegetation is associated with savanna climate and this type of climate is characterized by long period of dry condition, hot temperature of above 30°C, seasonal rainfall that is heavy during wet season and low amount of rainfall during dry season. Such climatic characteristics have favored human activities such as livestock rearing, arable farming, eco-tourism etc.

The eastern part of Nakasongola town is faced with limited road network to open up the potentials of **WABINYONYI, MATUGO, KIYALUBANGA** etc. there is a plan to develop one of the foot paths in the area into a dry weather road. The road is intended to begin from the sub-county headquarters at grid reference **415450** to **WANKEMBO** grid reference **435514**. Nakasongala district authorities have advertised a tender for the same road in New vision and daily monitor.

Task:

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- (a) As an engineer who acquired the tender for constructing the road, use a suitable illustration to be used by the district authorities for feasibility study and nature of relief in the area.
- (b) If the government is paying the contractor 10 million per kilometer of the road constructed. Determine how much will the whole contract cost the government.
- (c) Using the nature of vegetation and climate. Identify challenges likely to face people in the while carrying out the human activities mentioned in the scenario.

Item 2: photograph skills

The government of Uganda has over years worked towards protecting fisheries resources on all water bodies of Uganda by deploying UPDF (Uganda peoples defense forces) on lakes such as Victoria, George, Edward, Kyoga etc. This move has proved to improve fishing sector and also increase on quality and quantity of fish catch on all Uganda's water bodies. However, fishermen from fishing villages such as Kahendero on L. George and Kasenyi on L.Victoria have opposed the activities such as burning down undersized fishing nets and un recommended fishing boats done by UPDF. Now during geography study tour, your teacher took your S.4 class to the area in the photograph and you have been asked to comment on activities done by UPDF.

Photograph showing one of the fish landing sites on L.Victoria

Fig.1



Task

- (a) Draw a landscape sketch of the area on the photograph and on it mark and name a water body, two vegetation types, and the landing site

- (b) Make a writeup to justify the actions of UPDF
- (c) With reference to the area in the photograph, explain the challenges facing people in the area and measures which can be adopted to deal with the challenges.

SECTION B

Part 1

Answer only one item from this part

Item 3

Nyiragongo is an active volcano in Eastern Democratic Republic Congo. On 17th January 2022 it erupted and destroyed homes as well as displacing around 120,000 residents in Eastern DRC. It is also noted that south western Uganda experienced volcanicity which shaped its landscape. As a result of volcanic eruption in Eastern DRC, Uganda, particularly Bundibugyo District received many refugees. Your school admitted one of the students from the refugee camp and during geography discussion in class, she mentioned that eruption was satanic and an act of witchcraft from the neighboring village. You are required to guide the discussion.

Support materials showing volcanic activity and some resultant land forms

Fig 2



Fig 3



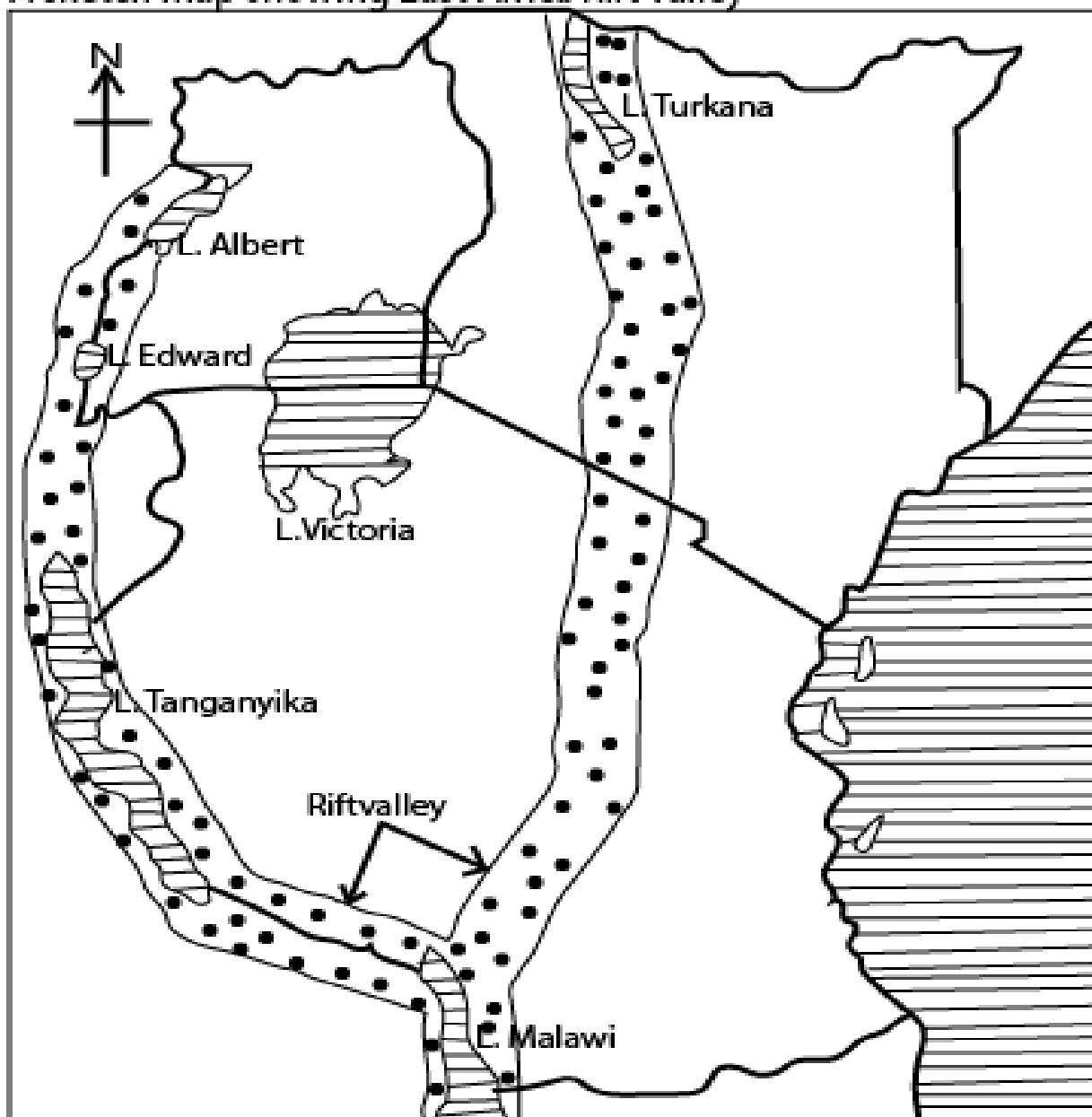
Task

- (a) Describe the origin of the geomorphic activity in the scenario and support materials
- (b) Explain the values of landform features formed by the activity on human activities with reference to specific East African regions affected.

Item 4

East African countries share major relief aspects and drainage features with significant economic importance. The relief aspects include Mt. Kilimanjaro which is shared by Tanzania and Kenya, great East African rift valley with the Eastern arm shared by Tanzania and Kenya while western arm shared by Tanzania and Uganda. These three countries share a major drainage feature i.e. Lake Victoria and it is noted that if these resources are utilized well by these countries, their economies may develop. The general secretary for EAST AFRICAN COMMUNITY i.e. Dr. Peter Mathuki from Kenya is holding meetings in all EAC countries in the region. The turn for Uganda is August 2025. You have been selected to attend the meeting with a theme “UTILIZATION OF NATURAL RESOURCES FOR ECONOMIC DEVELOPMENT OF EAST AFRICA”. Every participant in the meeting has been assigned a task. Yours is to specifically discuss the role of great East African rift valley for economic development. Use the sketch map of East Africa below to respond to the tasks.

A sketch map showing East Africa Rift valley



Task

- Write your presentation in not more than 250 words that you will present in the meeting
- Explain the challenges likely to be faced by people while utilizing the rift valley.

Part II

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

Item 5

The East African community's biggest champion has been Uganda's President Yoweri Museveni. From its re-establishment in July 2000 through ongoing integration efforts, Museveni has consistently pushed for deeper regional economic, political and social unity. He has been credited as "teacher, restorer, and unifier" of the EAC, and has actively appealed to fellow leaders to prioritize economic and political integration. In addition, Kenya's president William Ruto who is currently chairing the EAC heads of state summit has emerged as a strong advocate for fully utilizing off community's founding principles. Ruto has called for the removal of trade barriers so as to increase volume of trade among the members states. However, with all these efforts, trade

among East African countries has remained low. You have been invited as a guest speaker in the summit organized to take place in October 25th 2025 to take part in identifying the key challenges hindering trade among the member states.

Task

- (a) Make a written presentation about challenges hindering trade among East African countries
- (b) Suggest the measures that should be adopted by heads of state of East Africa to increase volumes of trade among member states.

Item 6

Your school is organizing a campaign “**PROTECT TROPICAL RAIN FORESTS FOR THE FUTURE GENERATION**”. It is noted that Brazil’s Amazon forest, Congo forest, Gabon rain forests, etc. are contributing to the worlds air cleaning, conserving rare species of mammals, birds, reptiles etc.

However, according to global forest watch, the world lost 3.7 million hectares of rain forest by 2023. Imagine this is equivalent to 11 football fields lost per minute. The support material below, shows loss of rain forest cover in major rain forests in the world

Support material

The table below shows rain forest cover comparison between the year 2010 and 2023

Name of rain forest	2010 forest cover in million hectares (M ha)	2023 forest cover in million hectares (M ha)
Amazon rain forest	550 M ha	490 M ha
Congo basin rain forest	300 M ha	280 M ha
South east Asian rain forest	220 M ha	190 M ha
New guinea rain forest	80 M ha	75 M ha
Uganda’s rain forests	500,000 ha	440,000 ha

According to the table above, Uganda has lost a significant chunk of forest cover and also according to global forest watch data indicates that Uganda has lost 7% of the total forest cover. This trend is worrying and if no measures are put to curb down the cutting of forests, effects of climate change would become disastrous.

Task

- (a) (i) Use the information in the table above to draw a suitable illustration to portray comparison in forest cover loss.
(ii) calculate percentage loss in forest cover in different rain forests of the world.
- (b) Use the information in the scenario and table above to suggest the likely causes of forest cover loss and way forward to restore forest cover in Uganda particularly

END