



SHAPTA JOINT ASSESSMENT BOARD 2024

Uganda Certificate of Education

GEOGRAPHY

PAPER 1

Item 1

a) Direction of flow of river Katungulu is East due to;-

- Land being high in the west (contour 3900ft) compared to west (3800ft)
- Contour bending facing Eastern direction.

NEMA official discouraged farming activities along river bank because;

- They want to restore water quality in river
- Control swamp reclamation.
- Can lead to flooding of the river banks during rainy season.
- Conserving the environment.

Statement of opinion.

Edgar should accept to stop carrying out farming along the river bank and occupy areas without drainage features.

Scoring

Giving 5 and correct Responses scores 06

Giving 4 correct response scores 05

Giving 2-3 scores 04

Giving 0 or wrong responses 00

b) Area=full squares + less full squares divide by $2 \times 1 \text{ km}^2$

Therefore; Full square=28

Less full squares=20

: $(28+20/2) \times 1 \text{ km}^2$

$28+10=38 \text{ km}^2$

The area covered by the lake is 38 km^2 .

1km is leased at a cost to be incurred is 3.7m per month

Therefore, $3.7 \text{ m} \times 12 \text{ months} = 44.4 \text{ m} (\text{per year})$

For a period of 10 years will be;

$44.4 \text{ m} \times 10 \text{ years} = 444,000,000/=$

Scoring

Accurate calculation scores 04

Partially correct calculation scores 02

Item 2

- a) A LAND SCAPE SKETCH SHOWING FEATURES SHOWN IN THE PHOTOGRAPH



Note:

The features in the photograph include;

- upland/mountain/hilly area
- building
- electric pole
- tree
- people

Scoring:

Well drawn landscape sketch with all features scores 04

A sketch with some features poorly drawn	scores 03
A sketch with features poorly drawn	scores 02
No sketch	00

b) The major landform in the area is mountain/hill.(fault area)

i. Mode of formation of a block mountain

Compressional forces: pulled apart the earth crust, leading to formation of normal faults, followed by the sinking of the side blocks against the central block.

Tensional forces: Pushed the earth crust towards the same direction, leading to formation of reversed faults, followed by upward movement of the central block.

ii. How block mountains affect local people

Positively:

They modify climate of the area by influencing rainfall formation.

Lower slopes contain fertile soils which supports agriculture.

Gentle slopes have hard rocks that forms a strong basement for construction of roads and settlement.

They are sources of rivers that provide water to the local population.

Negatively:

Mountains harbor labels who endanger human lives.

They harbor dangerous wild animal like snakes etc.

Steep slopes discourages mechanization.

Steep slopes makes construction of roads expensive.

Scoring

Well elaborated mode of formation and at least 6 impacts (positive and negative) 05

Well elaborated mode of formation and at least 5 impacts (positive and negative) 04

Well elaborated mode of formation and at least 4 impacts (positive and negative)
scores 03

Well elaborated mode of formation and at least 2 impacts (positive and negative)
scores 02

Elaborated mode of formation and at least 1 impacts (positive and negative) 01

Wrong mode of formation and impacts 00

Statement of opinion

score 01

People benefit more from mountains than the counterpart.

Item 3

- i) Identification of the problem 01

Lack of knowledge about solar eclipse and how it happens

- ii) The essay must cover the following;

Solar eclipse

This is a time when the moon is in between the earth and the sun.

It happens during day time.

Total solar eclipse is when the moon fully covers the sun causing total darkness.

It is caused by the rotation of the earth in its orbit around the sun. Where at some point the earth, moon and the sun in the same line (alignment) which blocks the sun's light to reach the earth.

It happens mostly on the new moon. It can sometimes be partial eclipse or total eclipse.

- iii) **Calculation of time:**

Time is calculated using longitudes.

Consider the location of a place from the prime meridian

Canada is 105° W

Uganda is 35° E.

Therefore: $105^{\circ} \text{ W} + 35^{\circ} \text{ E} = 140^{\circ}$

$1^{\circ} = 4\text{minutes}$

$140^{\circ} \times 4 \text{ minutes} = 560\text{minutes}$

$560/60\text{minutes}$

9hours.

So, the time of eclipse in Canada was 11:00am

Meaning; 11:00am + 9hours = 8:00pm

Therefore, in Uganda it was 8:00am when the eclipse happen in Canada ta
11:00am

Scoring

Correct explanation and calculation	scores 06
Missing some facts about solar eclipse and correct calculation	scores 05
Missing some facts and wrong calculation	scores 04
Wrong information	00

Item 4

- i) Identification of the problem 01
Lack of knowledge about positive and negative impacts of oil exploitation communities.
- ii) The essay should highlight:
Positively
 - Setting up of infrastructures like roads used in transporting goods and people.
 - Bringing closer of social services like schools and medical services.
 - Creation and provision of employment opportunities to local people.
 - Government earns revenue to improve other sectors
 - Diversification of the economy to reduce over dependence
 - Market for the local products is availed by the workers**Negatively**
 - Gas from oil spills contains hydrocarbons with cause respiratory diseases.
 - Land pollution from oil spills leads to loss of lives.
 - Loss of soil fertility due to land pollution from oil spills.
 - Oil spills contaminates water making it hard for human consumption.

Scoring

Accurately writes the 8 impact of oil exploitation (positive and negative) scores 08

Accurately writes the 6 impact of oil exploitation (positive and negative) scores 06

Accurately writes the 4 impact of oil exploitation (positive and negative) scores 04

Accurately writes the 2 impact of oil exploitation (positive and negative) scores 02

Wrong information 00

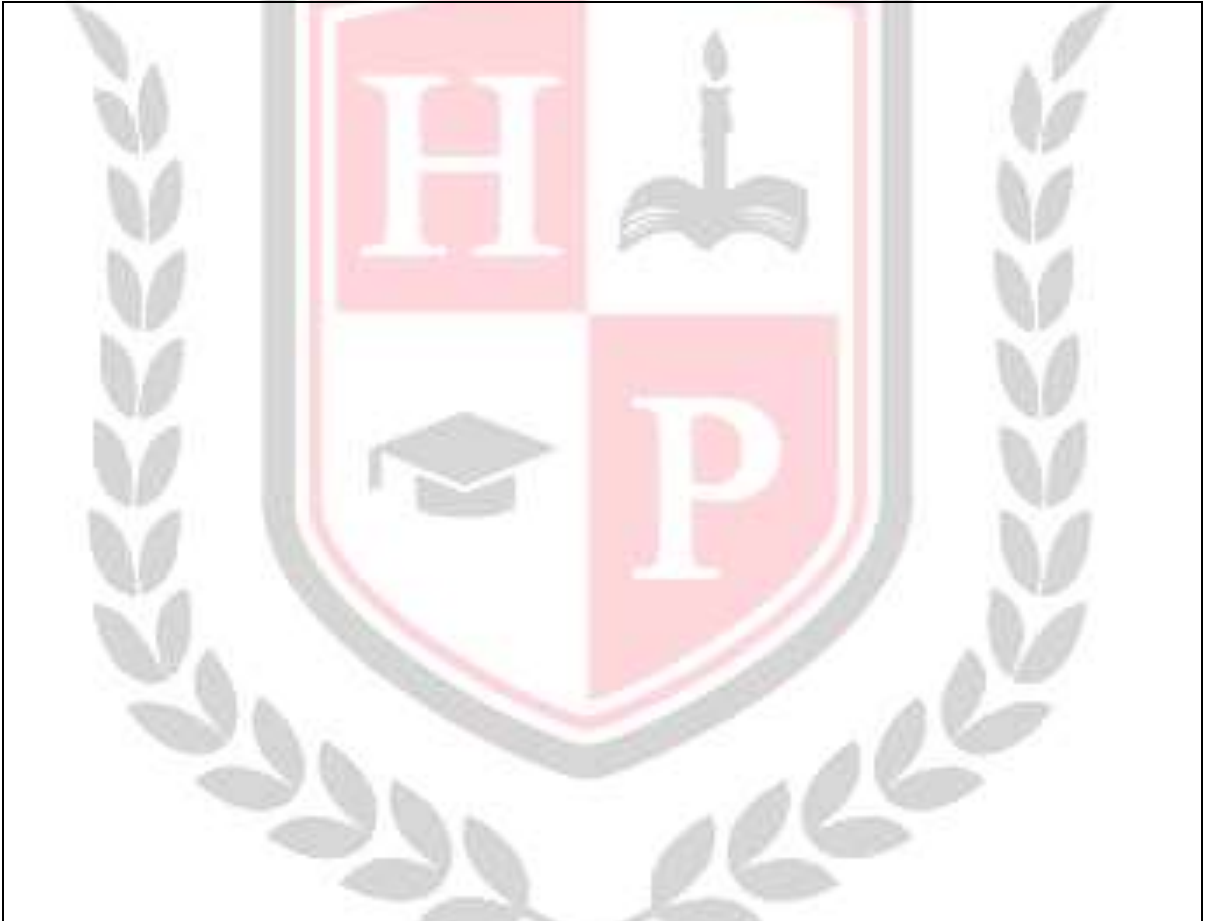
iii) Statement of opinion score 01

It should be convincing people to leave the place in peace and allow government programs to move on.



Item 5

- a) A BAR GRAGH SHOWING POPULATION OF UGANDA FROM 1969 TO 2023.



Scoring

Accurate graph

scores 04

Wrong

00

- b) I) Identification of the problem 01

Lack of knowledge about the problem the problems associated to rapid urban population.

ii) Problems of rapid urban population in Uganda.

- Insecurity of people's property and lives.
- increased unemployment.
- Outbreak of dangerous diseases like Cholera due poor waste disposal.
- Pressure on social services like health and education
- Development of slums
- Over exploitation of resources.
- Increased rural urban migration.
- High crime rate.

Scoring

Accurately writes the 4 problems of rapid urban population score 04

Accurately writes the 2 problems of rapid urban population score 02

Accurately writes the 1 problems of rapid urban population score 02

Wrong problems 00

iii) Statement of opinion score 01

Must talk about what should be done.

Item 6

a) The trend for imports and exports is as follows;-

- From 2001-2002, the amount of exports and imports were both low.
- From 2003-2005, the amount of goods and services imported increased gradually compared to exports.
- From 2005-2008, the amount of goods imported increased rapidly with a gradual increase in exports.
- From 2008-2009, the amount of imports decrease rapidly whereas exports were also gradually reducing.
- From 2009-2012, imports rapidly increased compared to exports.

Scoring

Correct trend score 04

Wrong trend 00

b) i) identification of the problem score 01

ii) Giving the solutions to the problem of unbalanced trade.

The should cover the following;

- ✓ Import substitution
- ✓ Export promotion
- ✓ Implementing trade policies
- ✓ Promoting foreign investment
- ✓ Currency devaluation

Scoring

A learner who gives 5 strategies score 05

A learner who gives 3-4 strategies scores 04

A learner who gives 2-3 scores 03

A learner who gives 2 scores 02

A learner who gives 1 strategy scores 01

iii) Statement of opinion

Appealing to the ministry of finance to implement the above strategies to bridge the gap in trade.

END