

Geography

UACE

Paper 250/1

2026

3hrs

Uganda Advanced Certificate of Education

UACE

Geography

Paper 1

2026

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INSTRUCTIONS

*This examination paper consists of **two** sections, **A** and **B***

*Section **A** is Compulsory*

*Section **B** has two parts, **Part I** and **II**, attempt **only** one item from each part*

*Do **three** items in all*

Any additional item(s) attempted shall not be scored

*Diagram work must be done in pencils **only***

Relevant explanations with examples leads to award of high scores

Unnecessary crossing of work leads to loss of scores

All response(s), including graph work should be written in the answer booklet(s) provided

SECTION A Compulsory

Item 1 *Use the East Africa 1:50,000 (UGANDA) map extract of PAKWACH Series Y732, Sheet 29/2, Edition 2-U.S.D to respond to the task given.*

A group of Geography learners from Moroto Senior Secondary School conducted a field research excursion around **PAKWACH** East Africa 1:50,000 (UGANDA), Series Y732, Sheet 29/2, Edition 2-U.S.D area to examine the developments brought by different landforms to the community.

When they reached the area, they first rested from the Trigonometrical station secondary at Atar along the loose surface road before continuing to the Air photo principal point(224747) to conduct their survey on areas that they were to visit. At this point, they started covering the North-eastern side of the area from **280740** to **330710** where they had a lot of discoveries of some certain features and how these features have affected activities of the communities living around them.

On returning to school, they were identified by the team of Geography teachers one after the other to present their researched information to the Assembly of Geography learners on the following day.

You were among the participants who conducted the excursion.

Task

- a) Based on the movements of the students from 280740 to 330710, generate an elevated section through it representing the features you saw.
- b) One student known as Nakiru Jovia when asked to determine the bearing and location covered from where learners first rested before continuing to the surveying area failed to bring it well. Guide her with accuracy.
- c) Write a report explaining how the features have affected activities in the area.

SECTION B

Part I

Attempt only one item from this part

Item 2

Across different continents of the world, such as the African plate, American plate, Eurasian plate and among others, lie **mid-ocean ridges, deep-sea trenches, abyssal plains** and **seamounts**. According to the different scholars who first discovered these features, they used different theories to explain the occurrence of the related features based on the findings that were agreed upon from different universities from the early 18th and mid 19th centuries.

This resulted in contradictions with some religious teachings who arrested some of those scholars and even discouraged the use of the theories explained by those scholars in that they were totally inappropriate to God's creation and those who insisted would call for punishment from the religious teachers of the law and God.

This called for many arguments from different Geographers across the diaspora to organize gatherings to give remarks from where such related features could have originated from based on the geographical context of view.

In a Geological research organized by the association of Geographers in Mbale city Main-Hall, different schools from Eastern, Northern, Central and West Nile region gathered themselves to discuss this phenomena. The research emphasized on explaining how mainly the

Mid-Atlantic ridge in between African plate and American plate came about, and how this gigantic feature has influenced the communities living around it.

The explanations were conducted according to different scholars who represented their regions. West Nile region scholars were chosen first to explain these phenomena so that they can use it for future reference through photos, video displays in the international library.

You happened to be among those who were chosen to represent your region and a team of Geography scholars visited you from Kenya for as a source of research for comparison purposes.

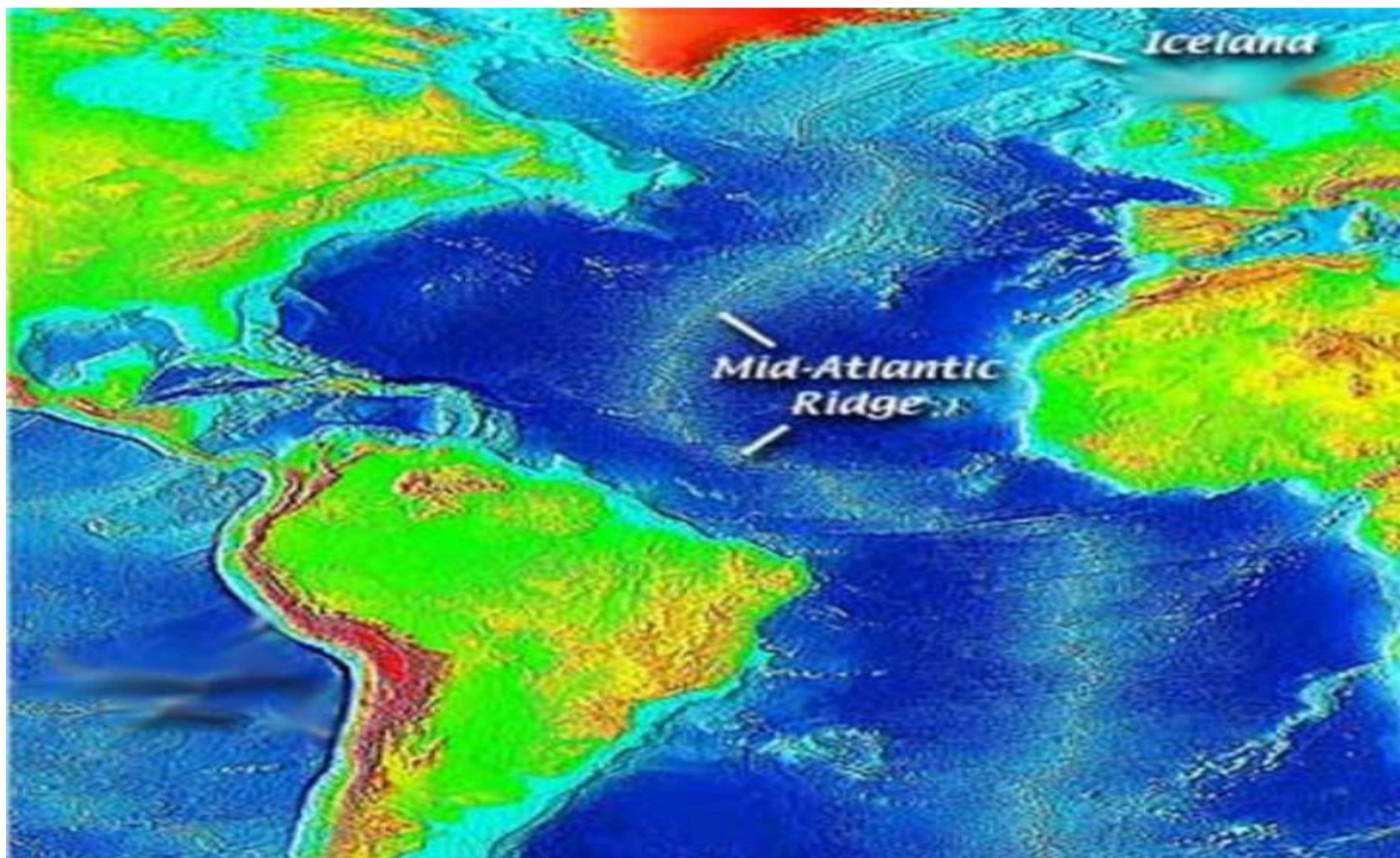


Fig: 1

Task

Write a report to the above scholars explaining what you concluded based on the Geological research carried out.

Item 3

In Kenya, many communities living around the **sea coast** are unaware how the level of the sea has kept on changing from the time of its creation up to its current pace. This was due to complaints from those nearing the coast that they were currently facing difficulties like flooding, high rise of disease causing vectors, accidents from the sea due to heavy storms and among others.

These communities decided to gather themselves in prayers and fasting to God, meanwhile others were busy conducting sacrifices to the ancestors and spirits to forgive them in that the spirits of the ancestors were not happy with them.

The district officials got concerned about the phenomena the communities were facing and they decided to call for the chairpersons of the areas to help the affected communities by allocating them to distant safer areas.

However, the communities rejected the district officials' proposal saying that their prayers and sacrifices could calm down the situation and that the sea coast has been of great benefit to them that the government officials knew nothing about due to poor communication networks.

A team of NEMA from the government later reached out to consult what could have led to the occurrence of the phenomena the communities were faced with. This made them to first call for some Geography students to guide them before proceeding to meet with the affected community members living at the coast.

You read this on the **African Times News Paper** and you got concerned about this situation.



Fig: 2

Task:

In a write-up, present your findings that will be used as a guide by NEMA to the affected communities and the government of Kenya.

Part II

*Attempt **only** one item from this part*

Item 4

Recently, a team of Artemis II launched Orion spacecraft on April 1, 2026 beyond low earth up to different layers of the atmosphere, then to space. This launch was conducted by four different meteorologists to study how space objects interact with life on earth under the guidance of **NASA** company. It was launched this year after the first cruise of Apollo 17 in 1972.

However on returning to planet earth, the Artemis II had forgotten to study how temperature interacts with different layers of the atmosphere that have continued influencing weather and life on earth.

This made Uganda also to launch its space satellite this year, 2026 to study mainly on temperature changes from different layers of the atmosphere and how each layer is able to influence weather and life so as to manage resultant atrocities.

You have been identified by the NASA **team** to help the Artemis II crue on what they failed to report concerning temperature trends from different layers and the influence the layers of the atmosphere have on weather and life.

Use the **Fig 3** provided showing temperature trend with height in the Earth's atmosphere to report to the team of NASA as a geologist and meteorologist student.

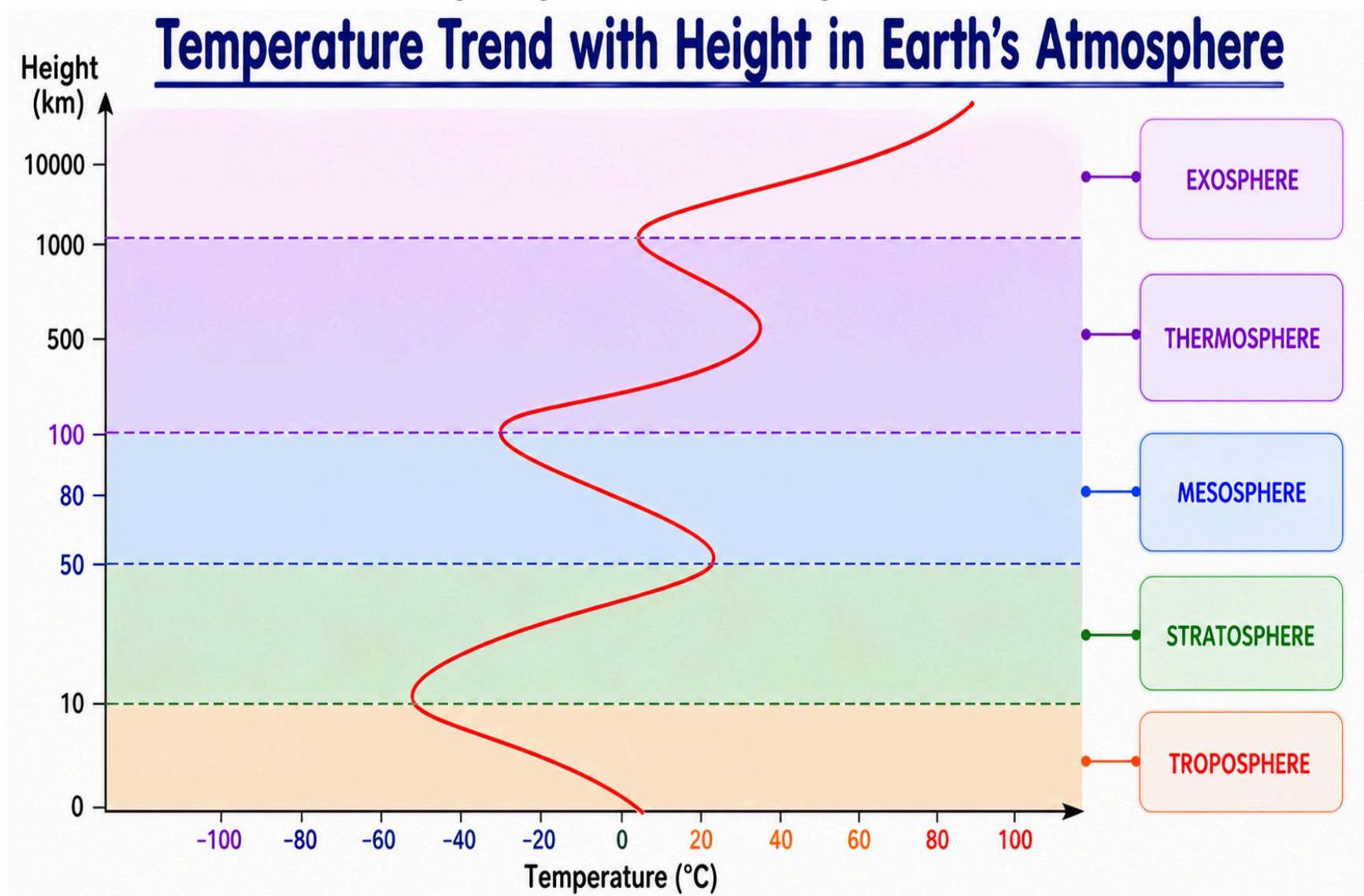


Fig: 3

Task

Write a report to the NASA team. Your report should include analysis of the trend as shown in **Fig: 3** above and how the different layers contribute to weather and life on earth.

Item 5

Different regions such as Equatorial, Desert, Temperate, Monsoon and Continental regions of the world continue receiving relative changes from weather phenomenal events such as humidity due to factors that keep generating its occurrence at different time intervals.

This has therefore affected nature and livelihoods of the subjective regions.

Many regions pay little attention to such elements of weather on how different activities are driven in different regions and hence it has contributed to emergencies across the world. In a bid to study the contribution of this weather event in a given place, meteorologists decided to collect data from different regions of the world that would be a guide to many countries, including geography students on how to cope with the weather elements in planning, guidance and research.

You are required to use the data provided in **Fig: 4** showing how different regions of the world to help in responding to the task that follows are affected by the weather phenomena.

Region/Location	Time	Air Temperature (°C)	Absolute Humidity (g/m ³)	Saturation Content (g/m ³)
Kampala, Uganda (Equatorial Region)	6:00am	20	15	17
Cairo, Egypt (Desert Region)	2:00pm	38	12	44
London, United Kingdom (Temperate Region)	6:00am	12	8	11
Mumbai, India (Monsoon Region)	6:00am	27	24	26
Moscow, Russia (Continental Region)	2:00pm	18	9	15

Fig: 4

Task

Write an article to the general public. In your article, identify the factors that lead to the occurrence of the weather phenomena and its contribution to the different regions of the world based on the data from **Fig: 4** above.

END

Always live a simple life!