

# UMSSN 'O' LEVEL GEOGRAPHY SEMINAR QUESTIONS 2024

## PAPER 273/1

COMPULSORY QUESTIONS: MAP AND PHOTOGRAPHIC SKILLS

### Item 1: Map skills

The residents of Lukaya living South of Northing 90 engage in different activities to earn a living. Mary, a university student who specialized in aquaculture decided to conduct her internship in this area. She was mostly interested in guiding the local residents on how best they could handle the fishing activity and at the same time conserve the environment. She realized that the residents had started encroaching on the swamp for crop cultivation which was a threat to the environment and the fishing activity. She therefore decided to contact the local authorities who in turn organized a meeting to address them.

### Support material

Map of Lukaya

### Task:

- Mary is interested in knowing the area covered by Nabigavu swamp South of Northing 86. Help her to establish the area.
- Chike works as a teacher at a school south west of Lusango (700858). He stays at Mpungwe (732821), he uses a taxi along the bound surface road to Lukaya town (750844) which charges 500/= per km from Lukaya, he uses a bodaboda through a motorable truck /main truck road which branches off from 739844 and charges 1000/= per km to reach school. Determine the total cost Chike uses to reach school.
- On a stormy day in Lake Victoria fishermen encountered an accident and their boat capsized at grid reference 868888. The rescue team at Kamuwunga canoe landing site (819863) would like to locate the area. Using the knowledge gained in map use, help the rescue team locate the area.
- Mary who resides in Lukaya needs to know more about the geography of the area. Educate her on the same.
- Write a sensitization message that will be presented in that meeting.

### Item 2: Photographic skills

The drier parts of Africa have been grappling with the problem of drought, shortage of water, food and others. Authorities in Africa saw it important to set up irrigation farms to handle the above situation and increase food production. In recent years, numerous problems have cropped up due to extensive irrigation practices. The government through the ministry of agriculture seeks your expertise to develop a sustainable plan to address those challenges.

### Support material



### Task:

- Draw a sketch of the photograph and on it mark and name the features found in the area shown in the photo.
- Write an action plan that will be presented to the ministry of agriculture.

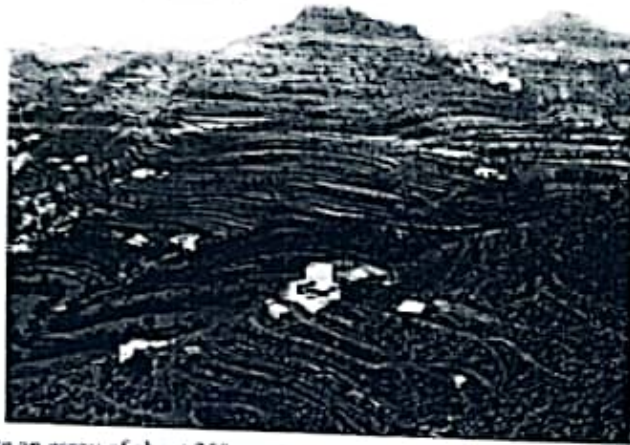
## SECTION B (This section has two parts, 1 and 2)

### Part 1

### Item 3:

Kyato, a village found in the mountainous area of Rwenzori has dense population because of the heavy rainfall received plus the fertile soils. Visitors from different parts of the world frequently visit this village because of its potentials. The district leaders have also developed keen interest in this area and are planning to design developmental programs. Like any other place in the mountainous region, the local residents have challenges that need to be addressed before leaders embark on the developmental programs.

### Support material



**Task:** Write an essay of about 250 words to sensitize the leaders and the local residents in that village.

### Item 4:

The coastal areas of East Africa are rich in tourism potentials. Tourists from all over the world visit this part of East Africa because of the wave erosional features which exist in this area. The local residents who have been in this place for many years cannot explain their origin. The local leaders on the other hand are not different from the residents though they benefit the community. The tour companies always seek guidance from the tour guides for explanation. A local tour company has contacted you to perform the task.

### Support material



**Task:** Write an essay of about 250 words that will benefit the tourists.

## Part II

### Item 5:

In East Africa a significant shift of people from rural areas to urban areas has been observed over the past decade. Many villages have lost the would-be labour force in the gardens because of this trend. This is worrying to the rural communities. The concerned local leaders have involved the development specialists to come up with the answer to this problem. After thorough research the specialists have contacted you to come up with a report to be presented in the conference organized in your country.

### Support material:

#### Rural population in selected countries in East Africa

| Country  | Rural population (000's) |
|----------|--------------------------|
| Uganda   | 23,000                   |
| Kenya    | 57,000                   |
| Tanzania | 31,000                   |

### Task:

- Draw a suitable statistical diagram to represent the information in the table above.
- Make a write up of the presentation that will be delivered in that conference.

### Item 6:

The common modes of transport used in East Africa cut across all countries. These modes are used to transport goods and services from one place to another. Trade among the three countries is booming. However, the traders have on several occasions lost their merchandise because of the poor transport networks. Through their umbrella bodies, they have petitioned their governments. The concerned governments have therefore decided to organize a conference involving different stake holders to address the problems in the transport sector to minimize the loss. You have been invited for that conference as one of the presenters representing the youth.

### Support material: Modes of transport used in East Africa

| Transport mode | Percentage |
|----------------|------------|
| Water          | 18.4       |
| Air            | 16.4       |
| Road           | 57.7       |
| Pipeline       | 2.1        |
| Others         | 5.4        |

### Task:

- Draw a suitable statistical diagram to represent the information in the table above.
- Write your presentation that you will deliver in that conference.



**Item 7:**

Kenya is Uganda's largest market in East Africa. This country recently blocked Ugandan products like milk, eggs etc. from entering their market. The authorities claim that these products are contaminated which poses health issues to their people. However before all this happened, Ugandan traders have been having a number of challenges and many have opted out of business. They have therefore decided to meet the government officials to avoid making losses who in turn have met their counterparts in Kenya. They have resolved to hold a business summit to sort out the issues at hand where you have been selected as one of the speakers.

Ugandan selected exports to Kenya (2022)

| Product     | Exports (%) |
|-------------|-------------|
| Milk        | 30          |
| Poultry     | 17          |
| Electricity | 12.5        |
| Raw sugar   | 16.5        |
| Maize       | 14          |
| Others      | 10          |

**Task:**

Prepare a written document to be presented at the summit.

**Item 8:**

The development of towns and cities in East Africa has come with an increase in population. In slum like Bwaise in Kampala, Kibera in Nairobi, the dense population has become a concern to the local government authorities. East African governments have therefore organized a conference in Arusha Tanzania to address the concern. As a students' leader, you have been invited to attend that conference.

**Support material:**

| City         | 2020 population | 2023 population |
|--------------|-----------------|-----------------|
| Nairobi      | 6,547,547       | 6,600,000       |
| Dar-es-Salam | 4,364,541       | 6,000,000       |
| Kampala      | 1,659,600       | 1,846,000       |

**Task:**

- Draw a suitable graph to represent the information above.
- Write a document of about 300 words that you will deliver in that conference.

**Item 9:**

The development in transport industry has improved many sectors of the economy and connected different parts of the world. In Africa, countries have invested heavily in this sector especially with road and railway transport. However, the inter-connection of these modes of transport for land-locked countries such as Zambia, Malawi is still lacking. Many of the mapped transport routes such as the Trans-African highway, the Great North Road still remain on paper. This has made resource exploitation, trade and movement from one country to another difficult in the region. African leaders under their umbrella African Union (A.U) have organized a conference in Addis-Ababa, Ethiopia where you have been invited to attend to resolve on this matter.

**Support material:**

**Task:** Write a presentation of about 300 words that you will give in the conference.

**Item 10:**

During the Covid-19 pandemic in 2021, the communities around Nyiragongo in DRC witnessed a violent eruption which was followed by a flow of hot material. This forced many people to move Southwards towards Goma. On their way to the refugee camp, many kept wondering what might have brought about this occurrence. Some related it to ancestral spirits but a few decided to remain because they have lived, settled and benefited from this mountain for a long time.

The United Nations High Commission for Refugees (UNHCR) decided to meet the refugees to give them a talk and you have been invited to address the gathering.

**Support material:**



**Task:**

Write a speech that you will present in that meeting.

**Item 11:**

Zambia is one of the leading mining Nations in the African continent with copper being the major mineral mined in various areas such as Kitwe, Bwanamukubwa and Chingola of the Zambian copper belt. The mining of the mineral attracted many investors due to increasing demand especially for copper in China where it is needed as a raw material in different industries. This has led to the decline in the amount due to over exploitation forcing investors to open up new mines. The local communities in these areas are protesting for Closure of mining activities citing environmental concerns. You have been invited to attend a meeting between investors and local community.

**Support material:**



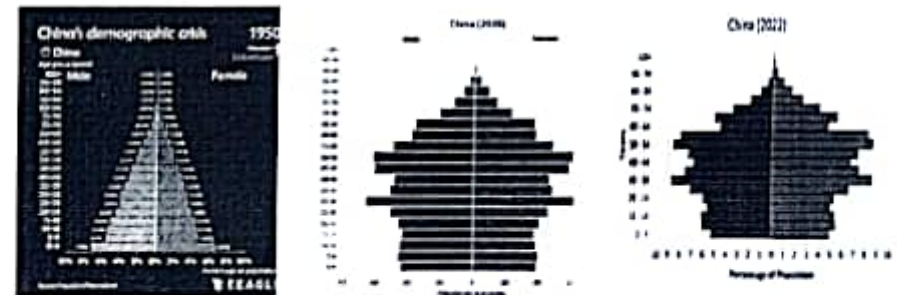
**Task:** Write an advisory note that you will present during the meeting.

**Item 12:**

China has been the World's most highly populated Nation until April 2023 when India was named the World's most Populated country. This has come along with a number of effects especially increased urban development in Cities like Beijing, Guangzhou, Baotou, the government of China designed many measures to reduce on the ever-increasing population which included the 1980 "One Child Policy". In 2013 the Chinese government began relaxing the policy by allowing some families to have two children and in 2021 the Republic of China announced a "Three Child Policy" to further address the demographic/population challenges.

You have been invited to attend the Africa – China summit organized in Addis Ababa (Ethiopia)

**Support material:**



**Task:** Write a presentation of about 300 words that you will deliver in the summit.

*End*