THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATIONS COUNCIL OF TANZANIA
ADVANCED CERTIFICATE OF SECONDARY EDUCATION EXAMINATION

113/1

GEOGRAPHY 1

(For Both School and Private Candidates)

Time: 3 Hours **Year : 2023**

Instructions

1. This paper consists of sections A and B with a total of **seven (7)** questions.
2. Answer a total of **five (5)** questions; **two (2)** questions from section A and **three (3)** questions from section B. Question number **one (1)** is compulsory.
3. In section A, question number **one (1)** carries **25** marks and the other two carry **15** marks each, while in section B, each question carries **20** marks.
4. Credit will be given for the use of relevant sketch maps and diagrams.
5. Map extract of Uvinza (sheet 113/2) is provided.
6. Non programmable calculators may be used.
7. All writing must be in **blue** or **black** ink **except** drawing which must be in pencil.
8. Cellular phones and any unauthorised materials are **not** allowed in the examination room.
9. Write your **Examination Number** on every page of your answer booklet(s).



ACSEE2023

SECTION A (40 Marks)

Answer **two (2)** questions. Question number **one (1)** is compulsory.

1. Study carefully the map extract of Uvinza (sheet 113/2) provided and answer the questions that follow:

   (a) Locate by latitudes and longitudes the place found at grid reference 135376.

   (b) From grid reference 090340 towards the eastern part of the map, the river reflects a certain stage of development.
   (i) With an evidence, comment on the stage of the river development.
   (ii) Identify three features formed by the river in the stage identified in (b) (i).

   (c) With evidence, point out three modes of transport common to people at Uvinza.

   (d) Determine the length of River Ruchugi to its main river junction in km.

   (e) Suggest two environmental problems which might be facing the people at Uvinza.

   (f) Identify two main sources of surface water for the people residing in the area.

   (g) Besides the contour method, identify the second method applied by the cartographer to show relief features.

   (h) Suggest four challenges to the mobility of people in the north western side.

2. (a) A farmer went to a photographer and asked her to take a photograph showing all plants in his 50 acre farm. What type of photograph do you think the photographer would take? Support your answer by giving four reasons.

   (b) Suppose you have been asked to interpret a photograph of a certain area, how would you use pattern, shape, tone and texture to make your task successful?

3. One of the High School registry provided statistical records for Form Five students' registration in different combinations for four years as indicated in the following table:

Combination	Years			
	2017	2018	2019	2020
HGE	258	285	243	267
CBG	292	310	285	295
EGM	100	143	180	307

   (a) Present the data using a percentage cumulative bar graph.

(b) Explain strengths and weaknesses of the percentage cumulative bar graph. Provide two points for each aspect.

(c) Comment on the trend of enrolment of students for EGM classes.

SECTION B (60 Marks)

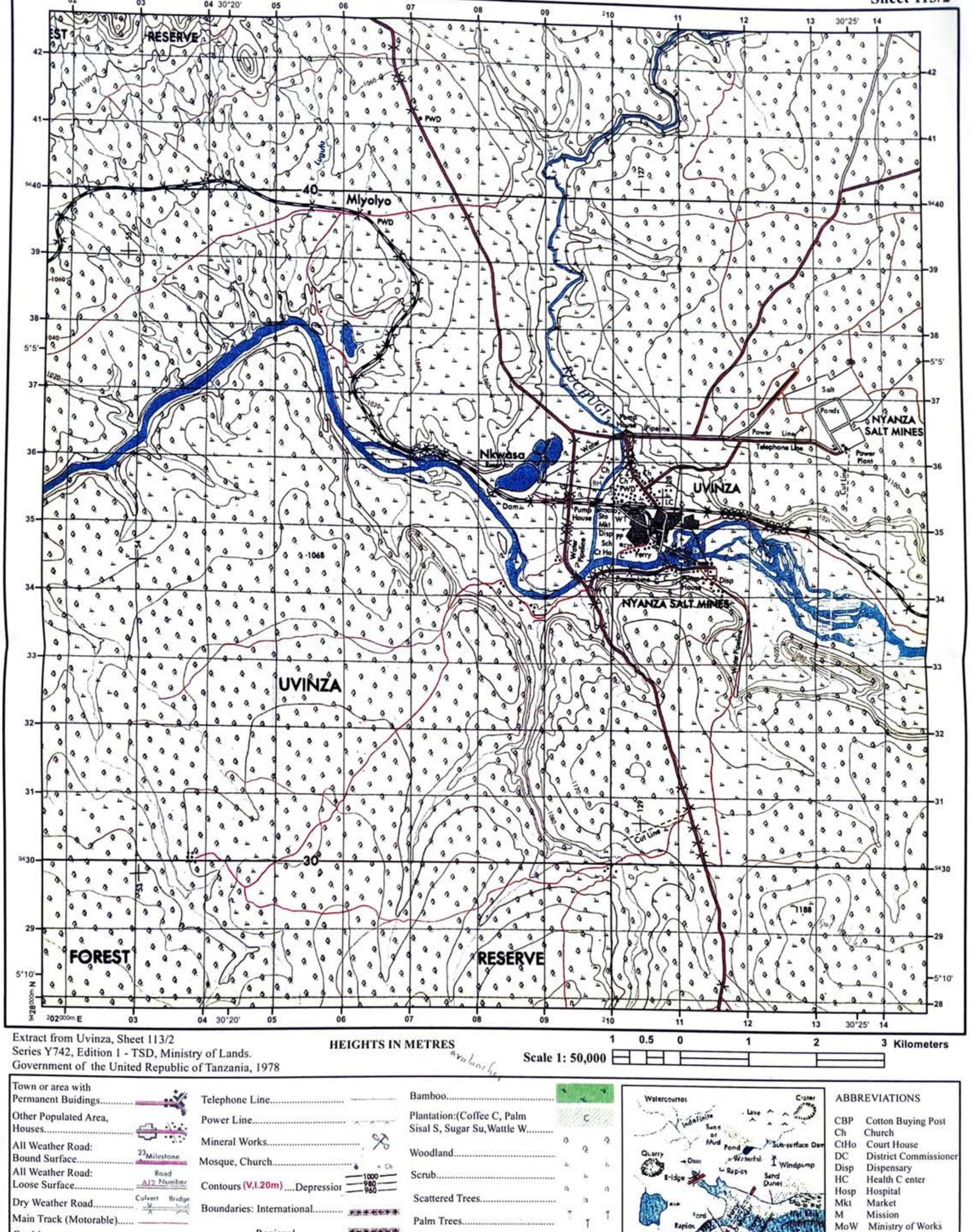
Answer **three (3)** questions from this section.

4. Analyze six factors that influence the ocean water movement.

5. Globally, climate conditions are changing due to natural and man-made factors. In eight points, justify the statement.

6. Form five students from School X were heard saying that, the end of the sky is the end of the atmosphere. Address such misconception by properly classifying the structure of the atmosphere. Support your answer with a diagram.

7. Every soil has pore spaces holding water, but the amount of water varies from one place to another. Substantiate this statement by using six points.



Extract from Uvinza, Sheet 113/2
Series Y742, Edition 1 - TSD, Ministry of Lands.
Government of the United Republic of Tanzania, 1978

HEIGHTS IN METRES

Scale 1: 50,000 — 1 0.5 0 1 2 3 Kilometers

- Town or area with Permanent Buidings
- Other Populated Area, Houses
- All Weather Road: Bound Surface — 23 Milestone
- All Weather Road: Loose Surface — Road AJ2 Number
- Dry Weather Road — Culvert Bridge
- Main Track (Motorable)
- Cut Line — Cut Line
- Other Track and Footpath
- Railway, Siding, Station, Level Crossing — Sta LC
- Railway Light
- Airfield Runway Grass

- Telephone Line
- Power Line
- Mineral Works
- Mosque, Church — Ch
- Contours (V,I.20m) ....Depression — 1000 980 960
- Boundaries: International
- Regional
- District
- Municipality/ Township
- Forest
- Thicket

- Bamboo
- Plantation:(Coffee C, Palm Sisal S, Sugar Su, Wattle W — C
- Woodland
- Scrub
- Scattered Trees
- Palm Trees
- Mangrove Swamp
- Tree Swamp
- Papyrus Swamp, Marsh, Boge
- Seasonal Swamp



Borehole, Waterhole, Well, Spring — oBH oWH oW oS

ABBREVIATIONS

CBP	Cotton Buying Post
Ch	Church
CtHo	Court House
DC	District Commissioner
Disp	Dispensary
HC	Health C enter
Hosp	Hospital
Mkt	Market
M	Mission
MoW	Ministry of Works
Mosq	Mosque
PO	Post Office
PP	Police Post
PS	Police Station
RH	Rest House
Sch	School
T	Telephone
TG	Telegraph