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: 2020**

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 **twenty five (25)** marks and the rest **fifteen (15)** marks, while in section B each question carries **twenty (20)** marks.
4. Credit will be given for the use of relevant sketch maps and diagrams.
5. Map extract of Kimamba (sheet 182/73) is provided.
6. Non programmable calculators may be used.
7. Cellular phones and any unauthorized materials are **not** allowed in the examination room.
8. Write your **Examination Number** on every page of your answer booklet(s).

SECTION A (40 Marks)

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

1. Study carefully the map extract of Kimamba (sheet 182/73) provided and answer the following questions:

   (a) Calculate the area covered by Sisal Estate in kilometer squares.

   (b) With concrete reasons, suggest the type of climate of the area.

   (c) Find forward and back bearing of Mbwende grid reference 880395 to Tindiga school grid reference 910405.

   (d) Explain three factors which have influenced population distribution in the area.

   (e) Describe the type of drainage patterns shown on the map.

   (f) Which part of the map is covered by highlands? Give two reasons for your answer.

2. (a) Describe four types of sampling techniques.

   (b) Outline four importance of sampling.

3. You have been appointed to become a group leader in conducting a plane table survey. Clearly show the equipment to be used and procedures you would follow so as to complete your work successfully.

SECTION B (60 Marks)

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

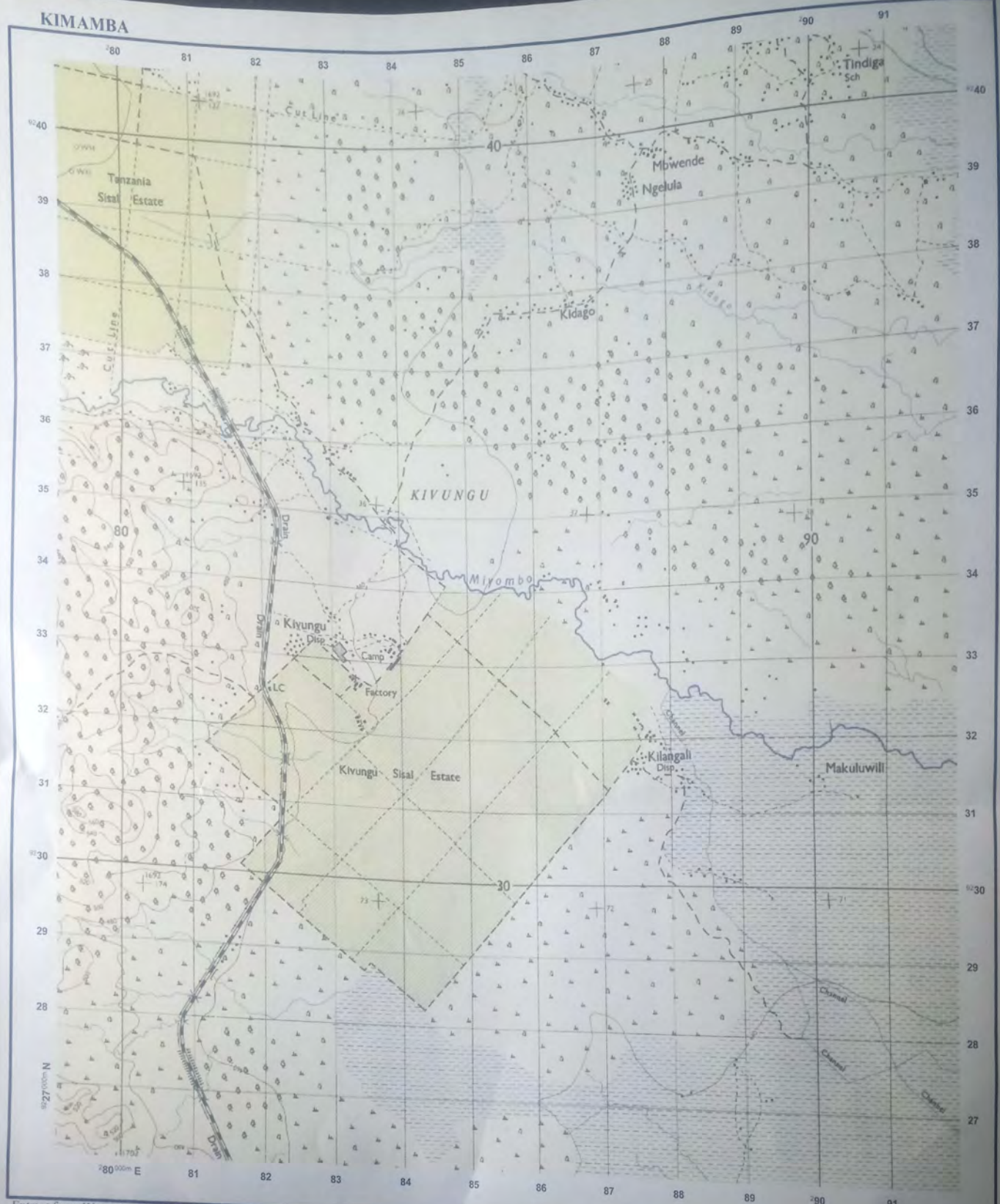
4. With support of examples, explain how climate determines human settlements and economic activities. Provide eight points.

5. "The Earth is said to be spherical in nature." With the aid of the diagrams, justify this statement by using six points.

6. With relevant examples, classify six types of lakes according to their mode of formation.

7. Explain how parent rock, climate and living organisms influence soil formation. Give three points in each.

KIMAMBA



Extract from Kimamba, Sheet 182/3
Series Y 742 (DOS 422) , Edition 2 - DOS, Ministry of Lands.
Government of the United Republic of Tanzania, 1970

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
All Weather Road: Loose Surface
Dry Weather Road
Main Track (Motorable)
Other Track and Footpath
Cut Line
Railway, Siding, Station, Level Crossing
International Boundary

Steep Slope
Contours (V.I.20m) ....Depression
Air Photo Principal Point with Film No
Water Course, Waterfall Rapids, Dams
Water Course, (Wide), Waterfall Rapids
Watercourse (Indefinite)
Borehole, WaterHole, Well, Spring
Bund, Major Fence, Hedge
Cliff

Forest
Tree Swamp
Papyrus Swamp, Marsh, Bog
Riverine Trees
Plantation:(Coffee C, Palm
Sisal S, Sugar Su,Wattle W
Woodland
Scrub
Scattered Trees
Palm Trees
Seasonal Swamp



ABBREVIATIONS

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