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)

Duration: 3 Hours **Year: 2025**

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 each, 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 Mvomero (sheet 165/4) is provided.
6. Non programmable calculators may be used.
7. All writing should be in **blue** or **black** ink, **except** for drawings which must be in pencil.
8. Communication devices and any unauthorised materials are **not** allowed in the examination room.
9. Write your **Examination Number** on every page of your answer booklet(s).

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SECTION A (40 Marks)

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

1. Study carefully the map extract of Mvomero (sheet 165/4) provided and answer the following questions:
   (a) Outline two ways which have been used to show relief of the mapped area.
   (b) Calculate the distance of the road from grid reference 260006 to 323059 in kilometre.
   (c) Explain three major economic activities carried out in the area.
   (d) What type of drainage pattern is found in the mapped area and how does it relate to relief of that area?
   (e) Briefly explain four factors that have influenced population distribution in the area.
   (f) Describe four factors that have affected the composition of the given map.
   (g) Find the time which the bus arrived at Kibaoni grid reference 260005 if it left Mandera grid reference 227982 at 11:30 am and travelled at the speed of 50 km/hr.

2. (a) Briefly explain seven equipment used in Chain Survey.
   (b) By using four points and a well labelled diagram, show how you can use a rectangle method to avoid a pond obstacle in Chain Survey.

3. Describe nine stages of research that a researcher has to follow in order to obtain the meaningful information.

SECTION B (60 Marks)

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

4. "Human life depends much on atmosphere." Support the statement by describing four main characteristics of atmosphere; and in five points, give its importance.

5. With the aid of well labelled diagrams, examine five geological structures which influence the formation of springs.

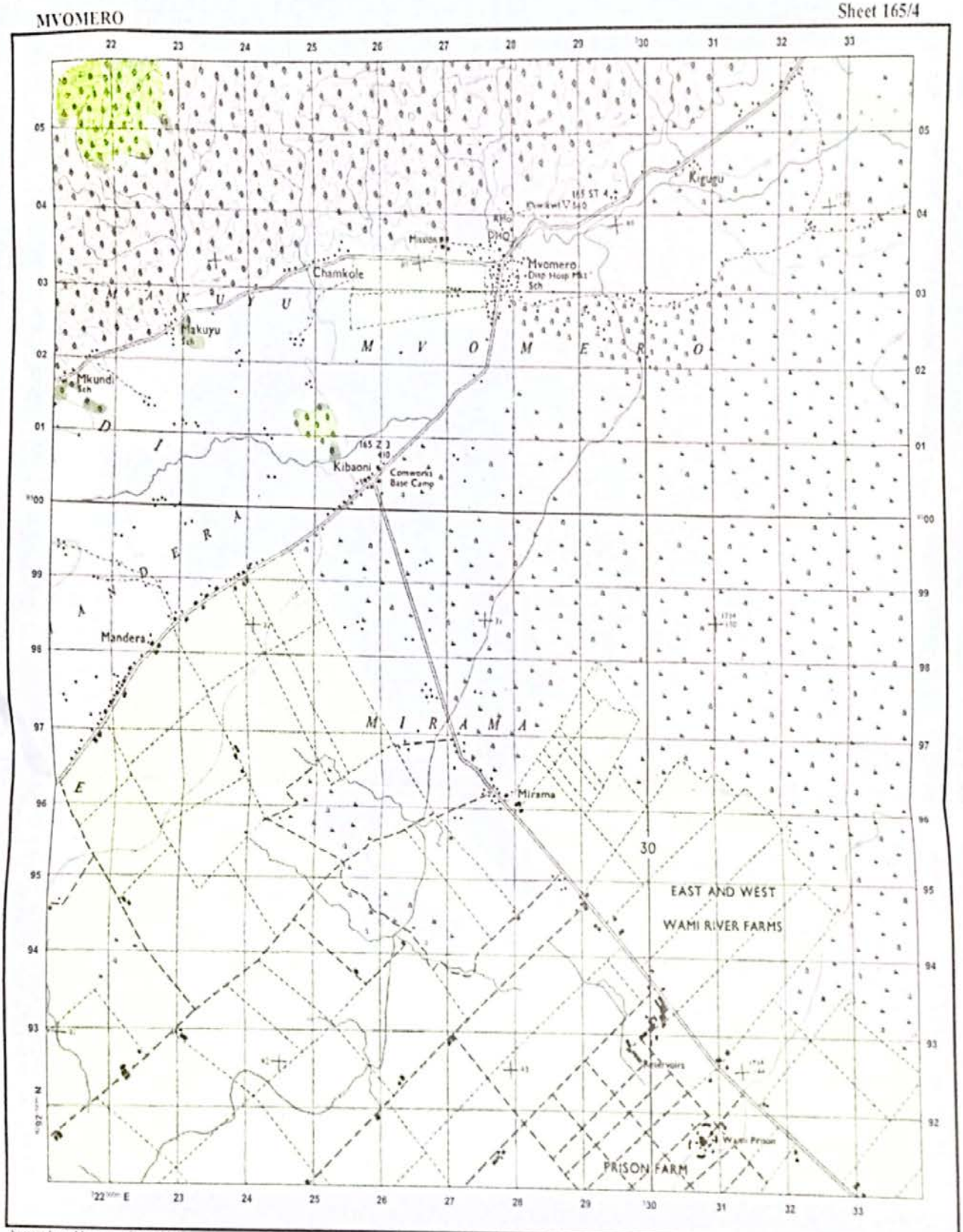
6. Examine eight processes which are involved in soil formation.

7. Examine seven merits and four demerits of glaciated regions in human life.

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MVOMERO

Sheet 165/4



Extract from Mvomero, Sheet 165/4
Series Y 742 (DOS 422) Edition 2 - TSD. 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 Buildings
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
Railway Light

Steep Slope
Contours (V.I.20m) Depression
Air Photo Principal Point with Flite 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
Bamboo
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
CtHse	Court House
DC	District Commissioner
Disp	Dispensary
Hosp	Hospital
HS	Health Centre
M	Mission
Mkt	Market
Mosq	Mosque
MoW	Ministry of Works
PO	Post Office
PP	Police Post
PS	Primary School
RH	Rest House
Sch	School
T	Telephone
Tel	Telegraph

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