

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).



SECTION A (40 Marks)

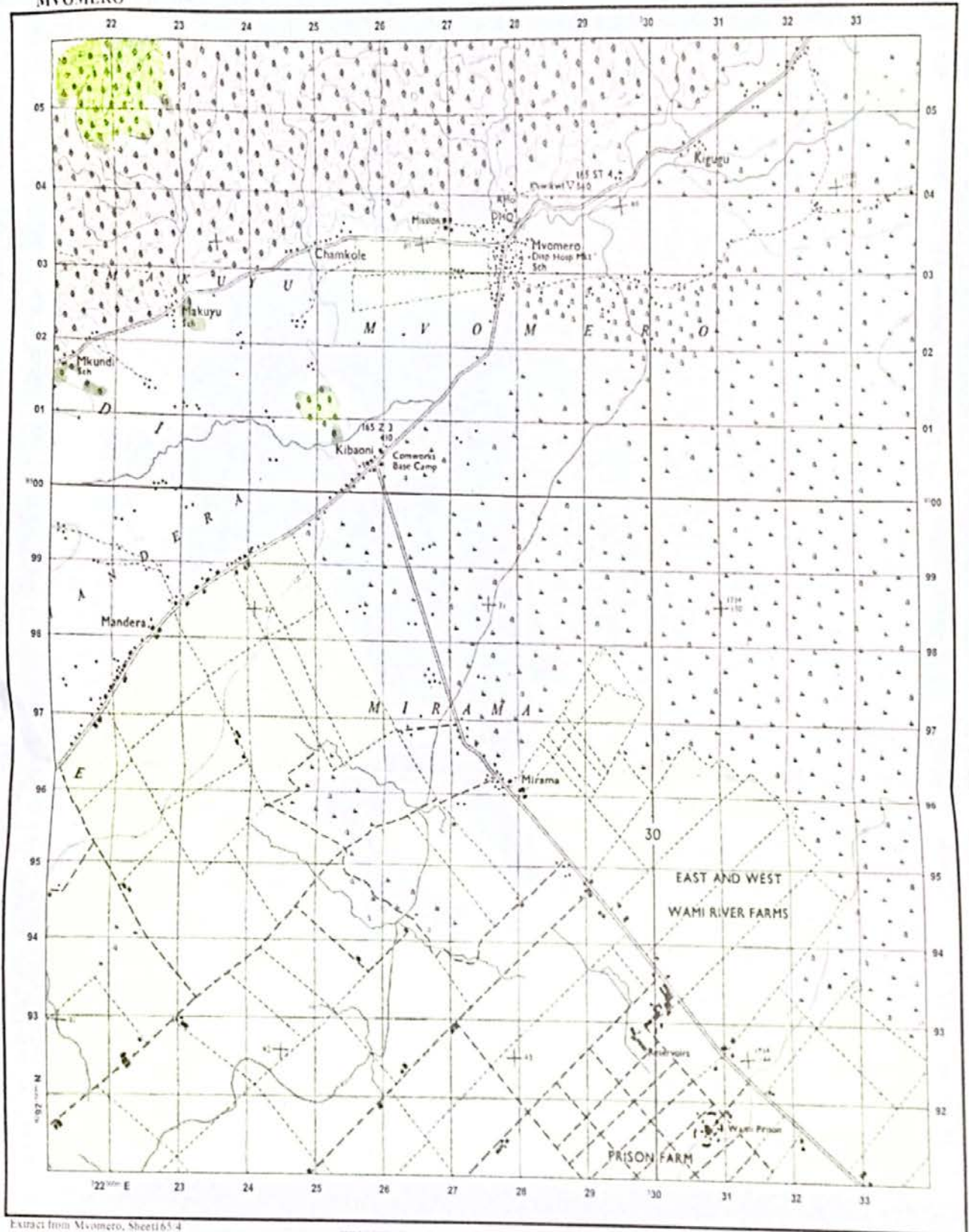
Answer **two (2)** questions. Question **number one (1)** is compulsory.

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.



Extract from Myomero, Sheet 165/4
Series Y 42 (DOS 422), Edition 2 - TSD, Ministry of Lands,
Government of the United Republic of Tanzania, 1970

HEIGHTS IN METRES

Scale 1: 50,000



Town or area with Permanent Buildings	Steep Slope	Forest
Other Populated Area, Houses	Contours (1:20m) Depression	Tree Swamp
All Weather Road	Air Photo Principal Point with Film No.	Bamboo
Bound Surface	Water Course, Waterfall	Riverine Trees
All Weather Road	Rapids, Dams	Plantation (Coffee C. Palm, Sugar S. Sugar S. Wattle W.)
Loose Surface	Water Course, (Wide)	Woodland
Dry Weather Road	Waterfall, Rapids	Scrub
Main Track (Motorable)	Watercourse (Intermittent)	Scattered Trees
Other Track and Footpath	Hole, Water Hole	Palm Trees
Can Line	Well, Spring	Seasonal Swamps
Railway, Salting, Stations, Level Crossing	Bound, Major Fence, Hedge	
Railway Light	Cliff	

ABBREVIATIONS

CBP	Cotton Buying Post
Ch	Church
CHH	Court House
DC	District Commissioner
Disp	Dispensary
Hosp	Hospital
HL	Health Center
M	Market
Mkt	Market
Mng	Minister
MWB	Ministry of Works
PO	Post Office
PP	Police Post
Ph	Police Station
RH	Rural House
Sh	Shed
T	Telephone
Tv	Teletype

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