

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

013

GEOGRAPHY

(For Both School and Private Candidates)

Time: 3 Hours

Tuesday, 06th November 2018 p.m.

Instructions

1. This paper consists of sections A, B, C and D with a total of **twelve (12)** questions.
2. Answer **all** questions in sections A, B and C and **one (1)** question from each part of section D.
3. Map extract of Ilonga (Sheet 265/2) is provided.
4. Calculators, cellular phones and any unauthorized materials are **not** allowed in the examination room.
5. Write your **Examination Number** on every page of your answer booklet(s)

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SECTION A (25 Marks)

Answer **all** questions in this section.

PHYSICAL AND MATHEMATICAL GEOGRAPHY

1. For each of the items (i) - (x), choose the correct answer from among the given alternatives and write its letter beside the item number in the answer booklet(s) provided.

(i) Which of the following instruments is used to measure the maximum and minimum temperature?
A Barometer B Thermometer C Anemometer
D Six's thermometer E Hydrometer.

(ii) Which among the following is an extrusive volcanic feature?
A Crater B Laccolith C Batholith
D Sills E Dykes.

(iii) One of the factors for soil formation is
A organic matters B mineral matters. C tim.
D water. E air.

(iv) The layer of the atmosphere which is nearer to the earth's surface is called
A troposphere B stratosphere C hydrosphere
D mesosphere E thermosphere.

(v) Which among the following is a heavenly body that possesses and transmits its own light?
A Moon B Sun C Earth
D Asteroid E Planet.

(vi) A region which consists of thick forests, tree dwellers and people who engage in the cultivation of rubber, cocoa, bananas and oil palms is known as
A Tropical savanna B Tropical monsoon
C Polar climate D Mediterranean
E Equatorial.

(vii) An instrument used to determine Magnetic North is called
A Stevenson screen. B Compass. C Thermometer.
D Hygrometer. E Barometer.

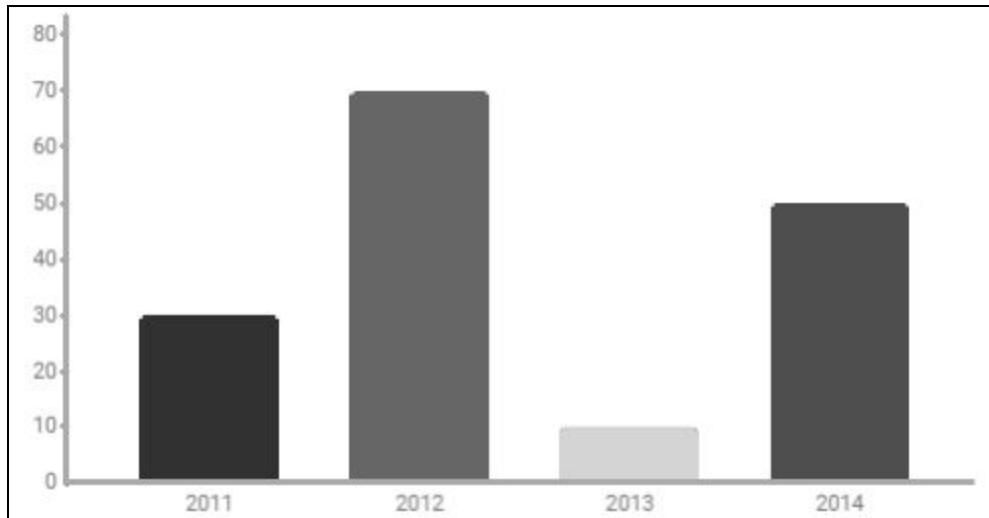
(viii) Which of the following is **not** a process for chemical weathering?
A Carbonation B Saltation C Hydrolysis
D Hydration E Oxidation.

SECTION B (27 Marks)

Answer **all** questions this section.

APPLICATION OF STATISTICS, INTRODUCTION TO RESEARCH AND ELEMENTARY SURVEYING

4. Carefully study the following statistical graph showing coffee production (in tonnes) in Tanzania, from 2011 to 2014 and answer the questions that follows:



(a) Describe the type of statistical graph used.

(b) Analyse the five procedures involved in constructing such a statistical graph.

(c) Giving two points, comment on the differences in coffee production shown in the graph.

(d) Give three advantages of presenting data by using the type of graph described in 4(a).

5. (a) Give three differences between interview and observation.

(b) Outline four merits of library research.

6. Explain five importance of survey in daily life.

SECTION C (28 Marks)

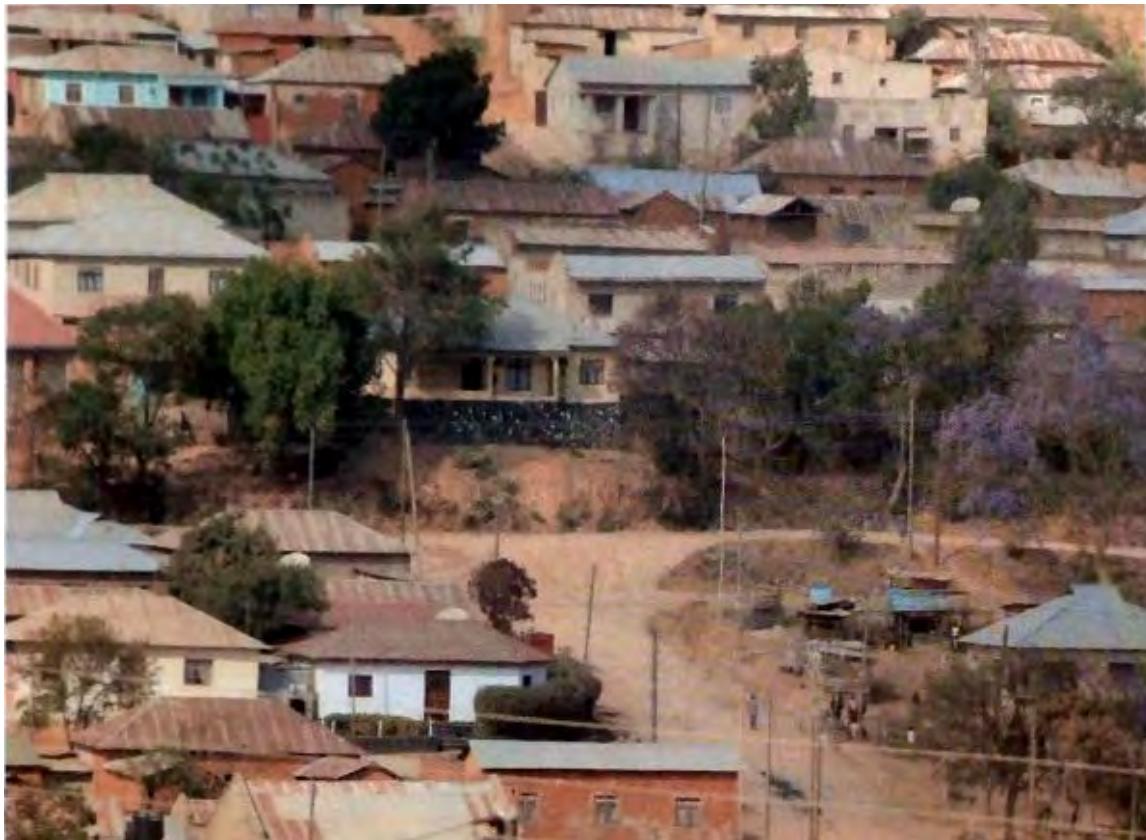
Answer **all** questions in this section.

MAP READING AND PHOTOGRAPH INTERPRETATION

7. Study the map extract of Ilonga (Sheet 265/2) and answer the following questions:

- (a) By using square method, determine the area North western of Luhombero river from grid reference 570963 to 644034.
- (b) With evidence from the map, name six symbols which have been used to interpret a given map.
- (c) Give the direction of Iputi to Ilonga.
- (d) Describe the settlement pattern of the mapped area.
- (e) Giving evidences, mention five possible economic activities which might take place in the mapped area.

8. Study the following photograph and answer the questions that follow:



- (a) Giving two reasons, name the type of photograph.
- (b) Suggest the type of settlement pattern and give one factor that has influenced it.
- (c) Suggest two economic activities that might take place in the area.
- (d) Provide three advantages of photographs over map.

SECTION D (20 Marks)

Answer **one (1)** question from each part.

PART 1: REGIONAL FOCAL STUDIES

9. Explain five factors which influence the distribution of natural forests in the world.

10. Analyse five ways of promoting textile industry in Tanzania.

PART II: ENVIRONMENTAL ISSUES, POPULATION AND SETTLEMENTS

11. Describe seven problems associated with rapid urbanization.
12. Examine seven effects of climatic change in the world.



Extra Thao Tonga Sheet 265 2

Series Y 742, Edition 1 - FSD, Ministry of Lands
Government of the United Republic of Tanzania, 1987

HEIGHTS IN METRES

Scale 1: 50,000

3 Kilometers

Government of the United Republic of Tanzania, 1987	
Settled area with Permanent Buildings	 Steep Slope
Other Populated Area	 Cutover [1.20m] Depress
Reserve	 Air Photo Principal Point w/
Arusha-Nairobi Road	 Film No.
Arusha-Serengeti Road	 Water Course, Waterfall
Arusha-Songwe Road	 Rapids, Dams
Main Arusha Bypass	 Water Course, 1 Wide L.
Other Track and Road Network	 Waterfall/Rapids
Settled area	 Watercourse/Undeveloped
Railways, Rolling Stock	 Borehole, WaterHole,
Waterfalls	 Well Spring
Railway right-of-way	 Lagoon
	 Bush, Major Fence, Hedge
	 Cliff

	Forest
	Papyrus Swamp, A
	Bamboo
	Riverine Trees
	Plantation Office
	Sugarcane, Sugar, Su
	Woodland
	Scrub
	Scattered Trees
	Palm Trees
	Seasonal Swamp



ABBREVIATIONS	
CBP	Cotton Buying Pos.
Ch	Church
Com	Committee
DC	District Commissioner
Disp	Dispensary
HC	Health Center
Hosp	Hospital
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
TG	Telegraph