

THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATION COUNCIL OF TANZANIA
FORM TWO SECONDARY EDUCATION EXAMINATION, 2002

0013

GEOGRAPHY

Time: 2:30 Hours

Instructions

1. This paper consists of sections A and B.
2. Answer **all** questions in section A and TWO question from section B.
3. All writings must be in **blue** or **black** ink.
4. Communication devices and any unauthorized materials are **not** allowed in the assessment room.
5. Write your **Examination Number** at the top right hand corner of every page.

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1. Read the following statements carefully and then write the letter of the most correct answer.

(i) The lines on a map joining places with the same rainfall are called:

- A. Isotherms
- B. Isohyets
- C. Isobars
- D. Contours

(ii) The Earth takes approximately how many hours to complete one rotation?

- A. 365
- B. 24
- C. 12
- D. 48

(iii) The type of mountain formed by the eruption of magma is called:

- A. Fold mountain
- B. Block mountain
- C. Volcanic mountain
- D. Residual mountain

(iv) The main source of energy for the Earth's climate system is:

- A. The moon
- B. The sun
- C. The wind
- D. The oceans

(v) The main cash crop grown in the Kilombero Valley in Tanzania is:

- A. Cotton
- B. Sugarcane
- C. Coffee
- D. Tea

(vi) If it is 9:00 a.m. at Nairobi (36°E), what time is it at Accra (0°)?

- A. 6:36 a.m.
- B. 11:24 a.m.
- C. 6:24 a.m.
- D. 10:00 a.m.

(vii) The compass bearing of North-West is:

- A. 045°
- B. 135°
- C. 225°
- D. 315°

(viii) Which of the following is a renewable resource?

- A. Oil
- B. Coal
- C. Water
- D. Natural gas

(ix) The process of turning raw materials into finished goods is called:

- A. Agriculture
- B. Mining
- C. Manufacturing
- D. Fishing

(x) The main problem facing the transport sector in Tanzania is:

- A. Good road networks
- B. Poor infrastructure
- C. High number of vehicles
- D. Modern technology

2. Match the items in COLUMN A with the corresponding items in COLUMN B by writing the letter of the correct item in COLUMN B against its corresponding number in COLUMN A.

COLUMN A	COLUMN B
(i) Latitude	A. Lines running parallel to the Equator
(ii) Convectional rainfall	B. Caused by intense solar heating
(iii) Plantation agriculture	C. Large-scale farming of one crop
(iv) Weathering	D. Breaking down of rocks into smaller pieces
(v) Tourism	E. Visiting places for leisure and recreation
	F. A type of mining
	G. Measures humidity
	H. A type of transport

3. Write TRUE or FALSE against the statement given:

- (i) The Equator passes through Tanzania.
- (ii) All maps have a scale of 1:50,000.
- (iii) Overexploitation of forests can lead to desertification.
- (iv) A hygrometer measures rainfall.
- (v) The Earth revolves around the moon.
- (vi) Volcanic mountains are formed by the eruption of magma.
- (vii) Small-scale farming is mainly for export.
- (viii) The Prime Meridian is located at 90 degrees longitude.
- (ix) Wind blows from low pressure to high pressure areas.
- (x) Tourism can lead to environmental degradation.

4. (a) Study the map provided then answer the questions that follow:

Scale: 1:50,000

- (i) Calculate the area of the swamp on the map.
- (ii) Find the bearing of point T from point U.
- (iii) Give the direction of point U from point T.
- (iv) State the grid reference of point T and point U.

(b) Carefully study the climatic data for Station V and answer the questions that follow:

MONTH	J	F	M	A	M	J	J	A	S	O	N	D
Temp. (°C)	25	25	24	23	22	21	21	22	23	24	24	25
Rainfall (mm)	180	160	140	90	40	20	10	15	30	70	110	150

- (i) Calculate the mean annual temperature.
- (ii) Calculate the total annual rainfall.
- (iii) Determine the annual range of temperature.
- (iv) Suggest the type of climate at Station V.
- (v) Mention two effects of high temperatures in the area.
- (c) Give three uses of water in agriculture.
- (d) Mention three types of maps.
- (e) List three problems facing the fishing industry in Tanzania.
- (f) List three methods of sustainable resource use.
- (g) Name three major tourist attractions in Tanzania.

SECTION B

- 5. Explain three effects of the Earth's revolution.
- 6. Describe three problems facing small-scale agriculture in Tanzania.
- 7. Mention three ways to improve tourism in Tanzania.
- 8. Outline three differences between renewable and non-renewable resources.
- 9. Explain three factors that influence the location of industries.