

THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATION COUNCIL OF TANZANIA
FORM TWO SECONDARY EDUCATION EXAMINATION, 2001

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 pressure are called:

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

(ii) The Earth's revolution around the sun causes:

- A. Day and night
- B. Seasons
- C. Tides
- D. Winds

(iii) The grid reference 342156 indicates:

- A. 342 Northings and 156 Eastings
- B. 342 Eastings and 156 Northings
- C. 34.2 Eastings and 15.6 Northings
- D. 342 Northings and 156 Westings

(iv) The type of farming where animals are kept in sheds and fed is called:

- A. Nomadic pastoralism
- B. Transhumance
- C. Zero grazing
- D. Mixed farming

(v) The temperature at Moshi (500m) is 25°C. What is the temperature at Arusha (1500m)?

- A. 19°C
- B. 31°C
- C. 15°C
- D. 28°C

(vi) The largest continent in the world is:

- A. Africa
- B. Asia
- C. Europe
- D. Australia

(vii) Which of the following is a negative impact of mining in Tanzania?

- A. Job creation
- B. Environmental pollution
- C. Foreign exchange earnings
- D. Infrastructure development

(viii) The compass bearing of South-West is:

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

(ix) The main source of hydroelectric power in Tanzania is:

- A. Solar energy
- B. Wind energy
- C. Water from dams
- D. Coal

(x) The process of breaking down rocks into smaller pieces is called:

- A. Erosion
- B. Weathering
- C. Deposition
- D. Sedimentation

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) Rain gauge	A. Measures rainfall
(ii) Tourism	B. Generates foreign exchange
(iii) Rift Valley	C. Formed by tectonic forces
(iv) Climate	D. Long-term weather patterns
(v) Manufacturing	E. Conversion of raw materials into goods
	F. A type of mountain
	G. Measures wind direction
	H. A type of farming

3. Write TRUE or FALSE against the statement given:

- (i) The sun rises in the west and sets in the east.
- (ii) Overfishing is a problem in the fishing industry in Tanzania.
- (iii) All maps must have a title.
- (iv) The Earth rotates from east to west.
- (v) A thermometer measures air pressure.
- (vi) Volcanic mountains are formed by faulting.
- (vii) Forests can help prevent soil erosion.
- (viii) The Tropic of Cancer passes through Tanzania.
- (ix) Small-scale agriculture is mainly for commercial purposes.
- (x) A river is a natural source of water.

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

Scale: 1:100,000

- (i) Calculate the distance between two schools on the map.
- (ii) Find the bearing of point R from point S.
- (iii) Give the direction of point S from point R.
- (iv) State the grid reference of point R and point S.

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

MONTH	J	F	M	A	M	J	J	A	S	O	N	D
Temp. (°C)	12	13	15	16	19	22	25	26	24	20	17	15
Rainfall (mm)	150	87	87	60	30	12	0	0	25	75	110	140

- (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 T.
- (v) Mention two effects of dry seasons in the area.
- (c) Give three uses of solar energy in Tanzania.
- (d) Mention three types of rainfall.
- (e) List three problems facing the mining industry in Tanzania.
- (f) List three methods of soil conservation.
- (g) Name three cash crops grown in Tanzania.

SECTION B

- 5. Explain effects of weather on human activities.
- 6. Describe problems facing tourism in Tanzania.
- 7. Mention ways to conserve water resources.
- 8. Outline differences between a map and a plan.
- 9. Explain factors affecting agriculture in Tanzania.