

# **INTERSECONDARY SCHOOLS EXAMINATION SERIES**

## **ISESE**

### **FORM FOUR PRE-NECTA No.01**

#### **GEOGRAPHY**

**TIME : 3 HOURS**

**Wednesday 17<sup>th</sup> July 2024**

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#### **Instructions**

1. This paper consists of sections A, B and C with total of **11** questions.
2. Answer all questions in section A and B and two (2) questions from section C.
3. Section A carries sixteen (16) marks, section B fifty four (54) marks and section C carries thirty (30) marks.
4. Non-programmable calculators and mathematical table are allowed materials in the Examination Room.
5. Write your Examination Number on every page of your answer booklet(s)

## SECTION A (16 Marks)

Answer **ALL** questions in this section

1. For each of the items (i)– (x), choose the correct answer from the among the given alternatives and write its letter in the answer booklet provide.

I. A local entrepreneur in Tanzania is looking to expand their business and reach new markets. Studying the economic Geography of the country could reveal.

- A. The cultural preferences and consumer behaviors in different regions
- B. The availability of skilled labour and resources in specific locations
- C. The potential for trade partnership with neighboring countries
- D. The government policies and regulations affecting business operations.
- E. The climatic condition and availability of natural features

II. A village in Tanzania adopts solar power for domestic use, replacing generators powered by fossil fuels. This shifts promotes conservation by

- A. Increasing air pollution from dust clouds generated by solar panels
- B. Reducing dependence on scarce firewood resources used for cooking
- C. Significantly expanding agricultural land by clearing forests solar farms
- D. Decreasing the availability of fresh water sources due to solar panel installation
- E. All of the above

III. Compared to oil production in the Middle East, natural gas production in Tanzania is generally considered:

- A. More environmentally friendly
- B. Less economically profitable
- C. More politically controversial
- D. More reliant on advanced technology
- E. Source of environmental pollution

IV. Traffic congestion in major East cities is a growing concern, causing air pollution, economic losses, and reduced quality of life. What strategy would be MOST effective in reducing congestion ?

- A. Expanding highways to accommodate more vehicles.
- B. Implementing congestion pricing to discourage unnecessary travel
- C. Encouraging carpooling and ride-sharing initiatives
- D. Banning private vehicles from city centers
- E. Promoting the adoption of electric vehicles and renewable energy.

V. The growing popularity of organic farming in Tanzania presents an opportunity for:

- A. Expanding the production of raw materials for large-scale food processing industries.
- B. Increasing reliance on imported agricultural machinery and fertilizers
- C. Reducing the overall contribution of agriculture to the Tanzanian economy
- D. Decrease reliance on imported raw materials
- E. Encouraging the development of small-scale, value-added food manufacturing businesses.

VI. Mr. Sonenga and his friend were discussing on the process which facilitates the formation of clouds which produce rainfall. As a form four student, what will be the best process where by water is transferred from the land to the air through plant roots and leaves.

- A. Evaporation

- B. Infiltration
- C. Condensation
- D. Evapotranspiration
- E. Precipitation

VII. The Wami River floodplain in Tanzania suffers from annual flooding, displacing communities and damaging agricultural land. A land reclamation project proposes constructing dykes along the riverbank. This project would most likely:

- A. Increase soil salinity due to reduced water flow
- B. Disrupt natural fish migration patterns in the river
- C. Lead to increased deforestation upstream
- D. Reduce the risk of flooding and protect agricultural land
- E. None of the above

VIII. Chausiku was living in Dar-es-salaam since 2005 and works as a secretary in Prime Minister's Office. In March 2021 she was transferred to a new office in Dodoma region. Identify the type of Chausiku's movement

- A. Migrant
- B. Emigration
- C. Immigration
- D. Emigrant
- E. Immigration

IX. A girl was crossing a river and accidentally dropped her school bag in the river. The girl cried as she observed her bag being pulled by the river water toward the river mouth. What could the bag be named in relation to the river action?

- A. River erosion
- B. River transportation
- C. River load
- D. River meanders
- E. River bed

X. A region which consists of thick forests, heavy rainfall throughout the year and people who engage in cultivation of rubber, cocoa, bananas and oil palms is known as:-

- A. Tropical savanna
- B. Tropical monsoon
- C. Polar climate
- D. Mediterranean
- E. Equatorial

2. Match each item in **LIST A** with responses in **LIST B** by writing the letter of the correct response below the corresponding item number in the space provided

<b>LIST A</b>	<b>LIST B</b>
I. It is formed when wave erosion undercuts the shore to form a steep slope towards the sea or ocean	A. Blow hole
II. Fairly flat part of the shore that develops when a cliff is pushed back by waves where by the rock wastes form a terrace.	B. Cliff
III. An opening formed when a cave tunnel channel becomes enlarged and extended into the top of the cliff.	C. Stack
IV. A long narrow inlet of the sea that penetrates into a cliff	D. Wave cut platform
V. It is formed when caves develop on either sides or both sides of the headland join together to form a natural arch	E. Caves and ledges
VI. A pillar of rock formed when natural arches collapse separating the headland from its terminal	F. Geo
	G. Natural arch
	H. Stamp

### **SECTION B (54 Marks)**

Answer **ALL** questions in this section

3. (a) Most of form three students, at Kitumbini secondary school failure to identify the geological patterns on a map, how would you help them to describe the geological patterns on the maps under the given guidelines

- (i) Land-forms
- (ii) Nature of the rock
- (iii) Vegetation and crops

(b) Processes on the map can not be interpreted directly, but need the map user to use different clues prove this statement with three (3) points.

4. Mr Jitu is a Geography teacher at Chereko secondary school. One day he introduced a lesson on soil erosion to his students and he assigned them to go and find out the history to their grandparents on the ways used to control erosion in past time, then students go to their village for collecting research data where most of people are illiterate.

- (a) What information collection method is the most suitable for them to use
- (b) Briefly explain five (5) advantages of the method identified in (a) above.

5. (a) Cheche wanted to calculate mean of ungrouped data but he did not know the formula which by then Buda given as  $\bar{x} = \frac{\sum x}{n}$ . Give out the definition of  $\bar{x}$ ,  $\sum x$  and n

- (b) Find the mean of the following set of data 5, 10, 4, 3, 3, 4, 7, 4, 6 and 5
- (c) Give four reasons why statistics is important to the communities in Tanzania

6. Form four students at U.B.N Secondary school were assigned by their Geography teacher to draw a map of the area where playground can be constructed, but students were remain dilemma because before starting they conditioned that there is no need to use scale during activities. As a Geography taker help them

- (a) Briefly explain the typology of the diagram
- (b) Why it is drawing without a scale? (4 points)

(c) Give one reason for each of the following

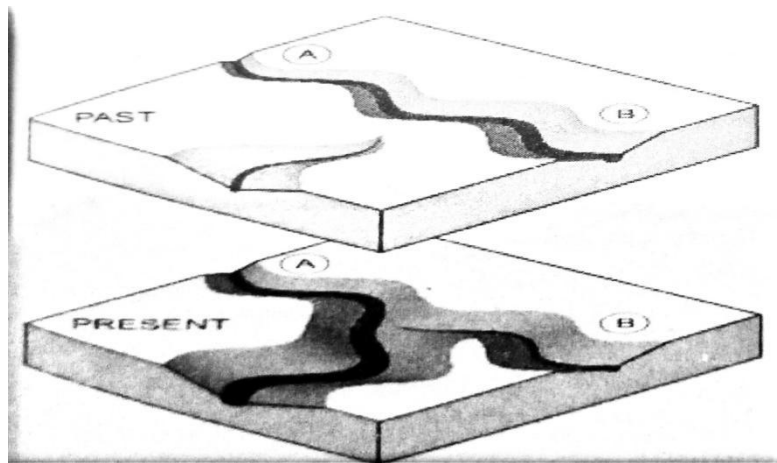
- i. Ranging poles has a pointed metal end.
- ii. Back bearings are taken during compass survey
- iii. Note book is important during field study
- iv. During surveying, measurements are called back by the booker.

7. Mr Mfaume is a good photographer one day he was invited as one of the photographer expert, during the celebration of Uhuru day at Uhuru stadium in Dar-es-salaam for the purpose of taking photography and he was take horizontally only

(a) Name the type of photography taken by Mr.Mfaume

(b) Most of students fail to interpret photography practically, As an expert describe five techniques for analyzing type of photography you have mentioned in (a) above

8. The following diagram explains some geomorphological activities taking place on the earth's surface.



(a) Mention the common name of the activities taking place

(b) Explain four conditions for activities mentioned in (a) above to occurs

(c) Describe four features produced by the mentioned activities in (a) above

### SECTION C (30 Marks)

Answer **ONLY TWO** questions in this section

9. Rising demand for smartphones in East Africa has led to the expansion of electronics manufacturing in the region. What are six potential drawbacks of this development for the local economy and environment?

10. Structure of any body is important, how does the structure of dynamic natural body which consists of air, water, organic matter and inorganic matter is important? (Give six points)

11. Apart from building entertainment centers in rural areas as one of the ways of attracting people to remain there, suggest six ways of solving the existing problems related to urban growth.



## INTERSECONDARY SCHOOLS EXAMINATION SERIES

### ISESE TIME TABLE

#### FORM TWO PRE – NATIONAL No.04

**20<sup>th</sup> – 30<sup>th</sup> September 2024**

DAY & DATE	MORNING SESSION (A.M)			AFTERNOON SESSION (P.M)		
	CODE NO.	SUBJECT	TIME	CODE NO.	SUBJECT	TIME
Friday 20/09/2024	013	Geography	8:00 – 10:30	011	Civics	2 : 00 - 4 :30
Monday 23/09/2024	033	Biology	8:00 – 10:30	021	Kiswahili	2 : 00 - 4 :30
Tuesday 24/09/2024	041	Basic mathematics	8:00 – 10:30	012	History	2 : 00- 4 :30
Wednesday 25/09/2024	022	English language	8:00 – 10:30	032	Chemistry	2 : 00 - 4 :30
Thursday 26/09/2024	031	Physics	8:00 – 10:30			2 : 00 - 4 :30
Friday 27/09,2024	062	Book-keeping	8:00 – 10:30			2:00 – 4:30
Monday 30/09/2024c	061	Commerce	8:00 – 10:30			2:00 – 4:30

**KUSHIRIKI PRE-NECTA HIZI WASILIANA NA COORDINATOR 0624 254 757 (UNAWEZA KUSHIRIKI SOMO MOJA AMA ZAIDI)**



## INTERSECONDARY SCHOOLS EXAMINATION SERIES

### ISESE TIME TABLE

#### FORM FOUR PRE – NECTA No.04

**20<sup>th</sup> – 30 September 2024**

DAY & DATE	MORNING SESSION (A.M)			AFTERNOON SESSION (P.M)		
	CODE NO.	SUBJECT	TIME	CODE NO.	SUBJECT	TIME
Friday 20/09/2024	011	Civics	8:00 – 11:00	022	English	2 : 00 - 5 :00
Monday 23/09/2024	033/1	Biology 1	8:00 – 11:00	012	History	2 : 00 - 5 :00
Tuesday 24/09/2024	041	Basic mathematics	8:00 – 11:00	021	Kiswahili	2 : 00 - 5 :00
Wednesday 25/09/2024	013	Geography	8:00 – 11:00	032/1	Chemistry 1	2 : 00 - 5 :00
Thursday 26/09/2024	031/1	Physics 1	8:00 – 11:00			2 : 00 - 5 :00
Friday 27/09,2024	061	Commerce	8:00 – 11:00			2 : 00 - 5 :00
Monday 30/09/2024c	062	Book-keeping	8:00 – 11:00			2 : 00 - 5 :00

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