

INTERSECONDARY SCHOOLS EXAMINATION SERIES ISESE



FORM THREE SERIES No.01 GEOGRAPHY

TIME 3 HRS

Year 2026

INSTRUCTIONS:

1. This paper consists of **eleven (11)** questions in sections **A, B** and **C**
2. Answer **all** questions in sections **A** and **B** and any **two (02)** questions from sections **C**
3. Section **A** carries **sixteen (16 marks)**, section **B** **fifty-four (54 markGs)** and in section **C** carries **thirty (30 marks)**.
4. Map extract of **SIKONGE (Sheet 137/2)** is provided
5. Non-Programmable calculators **are** allowed in the examination room
6. Cellular phones and any other unauthorized material **are not** allowed in the examination room
7. Write your examination index number on every page of your answer sheet(s) provided.

**FORM ONE AND FORM THREE SERIES EXAMINATION
ISESE TIME TABLE
FOR REGISTRATION CALL US 0624 254 757**

ALL SUBJECTS	DATE
SERIES - 01	03 rd August 2026
SERIES - 02	10 th August 2026
SERIES - 03	17 th August 2026
SERIES - 04	24 th August 2026
SERIES - 05	31 st August 2026

NB# SERIES No.06 – No.10 (SEPTEMBER – OCTOBER)

WE ALSO HAVE EXAMINATION SERIES FOR FORM TWO, FORM FOUR , FORM FIVE AND FORM SIX

SECTION A (16 Marks)

Answer all questions from this section

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

i. The following are aspects of physical geography **except**;

- A. Natural features of the earth
- B. Structure of the earth
- C. Distribution of plants and animals
- D. Population growth and distribution
- E. Formation and distribution of landforms

ii. Suppose you want to invest and engage in commercial livestock-keeping. Which categories of commercial livestock-keeping will you consider?

- A. Pastoralism, sedentary and nomadism.
- B. Traditional, modern and pure livestock-keeping.
- C. Beef livestock-keeping, dairy livestock-keeping and sheep-keeping.
- D. Traditional livestock, cattle-keeping and dairy livestock-keeping.
- E. Pastoralism, cattle-keeping, and sedentary livestock-keeping

iii. Robert is living near the mountain within the time he noticed the bending of trunk of trees and fences downward the slope. Identify the type of process occurred.

- A. Land slide
- B. Mudflow
- C. Soil creep
- D. Rock fall
- E. Soil erosion

iv. Mr. Mkama was preparing the materials for finishing of the classrooms which were constructed at Ubalozini Secondary School; in his list he indicated gypsum powder for decorating the roofs and walls. As a geography student identify which type of rocks does gypsum powder belongs.

- A. Igneous
- B. Sedimentary
- C. Sand
- D. Clay
- E. Loam

v. A coral is the limestone rock formed below the low level tides as the results of deposition of minute sea organisms called polyps. The polyps survive in the following conditions except.

- A. A calcium carbonate mineral in water
- B. Presence of planktons
- C. Warm ocean water
- D. Mud salt water
- E. Clear oxygenated water

vi. The Kilimanjaro region blessed with fertile soil which supports plants growth. During the formation it influenced by different factors, what are those factors

- A. Organism, humus and time
- B. Living organism, topography and time
- C. Living organism, parent materials and water
- D. Time, parent materials and temperature
- E. Temperature, water and humus

vii. If you are given a mathematical set with a pair of dividers, a piece of paper, a length of string/thread these tools are used in;

- A. Finding direction on a map
- B. Giving position on a map
- C. Measurement of distance on a map
- D. Finding area on a map
- E. Finding trend and alignment

viii. Suppose you have been asked by your class master to measure the amount of water vapour in the atmosphere around your school. Which instrument will you need to use for the process

- A. Barometer
- B. Anemometer
- C. Hygrometer
- D. Wind vane
- E. Speed meter

ix. People of Mtakuja village are not served by electricity; instead they are using the energy that are produced by inorganic materials (Plants and animals products) after broken down by bacteria in an oxygen free environment. What is the name of such energy?

- A. Biogas
- B. Solar energy
- C. Wind energy
- D. hydroelectric power
- E. Sun

x. The chairman of Sanya station village insisted his villagers that they should not enter in the reserved forest of the village. What do you think are the social economic advantages of the reserved forest?

- A. Agriculture
- B. Mining
- C. Lumbering
- D. Forestry
- E. Tourism

xi. Quantitative data can be presented by using graph, from a given alternatives, which graph shows both temperature and rainfall characteristics

- A. Bar graph
- B. Line graph

- C. Isograph
- D. Climograph
- E. Divergent

2. Match the items in **LIST A** with the correct response in **LIST B** by writing the letter of the correct response beside the item number in the answer booklet provided.

LIST A	LIST B
(i) Is the arrangement of the soil on the slope from the top to the bottom	A. Leaching
(ii) Is the spaces between particles of the soil materials especially which is undistributed	B. Soil
(iii) The vertical section from the surface to the parent rock characterized by distinct layer	C. Salination
(iv) Is arrangement of soil particles into aggregate compound particles	D. Soil structure
(v) The process of washing down nutrients in the solution from top soil to subsoil layer	E. Weathering
(vi) The mineral of Silica or Magnesium used to determine the amount of hydrogen ions in the soil	F. Soil pH
	G. Soil texture
	H. Soil porosity
	I. Soil profile
	J. Soil catena
	K. Soil depth
	L. Soil density

SECTION B (54 MARKS)

Answer **all** questions in this section

3. Carefully study the Map extract of Sikonge (Sheet 137/2) and answer the questions that followings;

(a) Madam Angel was travelling from grid reference 766750 to 723793 looking for water, but she forgot her bucket, hence she went back to take the bucket, finally she went back to the source of water to fetch water. Determine the length covered by Madam Angel. Give your answer in Km.

(b) (i) As map user identify steps used to locate position by using compass bearing. Give three points

(ii) Determine the bearing and direction of 766750 to 723793.

(c) By using square method, Calculate the area of seasonal swamps southern part of grid 800 of the mapped area. Give the answer in km.

(d) By citing examples from the map state two primary activities practiced in the mapped area.

(e) By giving evidences from the map, Identify the dominant vegetation of the area.

4. The examination results (rounded to the nearest whole %) are given for a group of students.

Marks %	0 – 19	20 – 39	40 – 59	60 – 79	80 – 99
Frequency (f)	7	21	38	27	7

Calculate

(a) Arithmetic Mean

(b) Mode

(c) Median

(d) Actual mean using assumed mean of 50.

5. Three students in our school were visited Ngorongoro National park as the study tour, in their way back to home they were observed seasonal fluctuation of water in the river.

- (a) Name feature that students were saw
- (b) Briefly explain types of the feature in (a)
- (c) Explain three positive impact and three negative impact of feature named in (a)

6. A process during which the measurements are taken in the field are recorded in a field book by a surveyor only and not by an assistant.

- a) What is name of the process?
- b) Why this process named in (a) above done by surveyor only?
- c) Explain three (3) consideration that should be taken during the above process in (a) above.

7. The photography taken by the means of helicopter need, people with enough knowledge, skills and money for make it successful effectively

- a) Define the type of photography taken by helicopter
- b) Provide four features of photography mentioned above
- c) Give two setbacks of the photography named in 7(a)
- d) Provide three (03) differences between photography mention in 7 (a) above and that taken at angle less than 90°

8. Mr. Msaki was inside the house where he observed a house shaking due to the vibration of the earth's surface caused by natural forces operating beneath and on the earth's crust. Answer the following questions to complete the descriptions

- (a) What environmental hazard experienced by Mr. Msaki?
- (b) What is the instrument would be used to measure the intensity of the hazard named in (a) above?
- (c) Describe three (3) causes of the hazard in (a) above.
- (d) Explain four effects of the hazard named in (a) above

SECTION C (30 MARKS)

Answer **two (2)** questions from this section

9. The government of Tanzania has entered into agreement to release port of Bagamoyo with an international Company known as DP world of Dubai. As a form four student, prove with six points that harbours with good infrastructure are important to Tanzania.

10. Rainfall variation is a normal phenomenon on the Earth surface, this determines the distribution of economic activities such as crop cultivation and livestock keeping. Briefly explain six (6) factors that influence the amount of rainfall in a particular area

11. After learning different types of simple land survey students were asked to explain fruits of studying of chain survey but only Yoweri failed to explain. Assume you are a student who understood the lesson, how will you help him to explain fruits of chain survey? (Any six points)