THE UNITED REPUBLIC OF TANZANIA
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REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
SOUTHERN HIGHLANDS PRIVATE SECONDARY SCHOOLS
FORM FOUR INTERSCHOOL JOINT EXAMINATION 2026

CODE: 013 **GEOGRAPHY**

TIME:3HRS **JULY, 2026**

Instructions

1. This paper consists of sections **A, B** and **C** with total of **Eleven (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. Map extract of **Mbeya (sheet 244/4)** is provided.
5. Non-programmable calculators and mathematical table are allowed materials in the Examination Room.

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SECTION A (16 Marks)

Answer **ALL** questions

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. Mr. Matondo is a teacher at Chaganyikeni Secondary School who intends to conduct field research on the impact of settlement growth on Chaganyikeni Secondary school. What will be the last stage for his research?

a) Data collection c) Report writing
b) Data analysis d) Data processing

ii. In weather map places with the same amount of rainfall are joined by smooth lines called:-

a) Isobars c) Isotherms
b) Isohyets d) Isohels

iii. Mr. sixbeth is a geography teacher who taught us about the Stevenson screen. The following are instruments kept in Stevenson screen EXCEPT:-

a) Maximum thermometer c) The six's thermometer
b) Wet bulb thermometer d) Dry bulb thermometer

iv. Ms. Gisella had a chance to visit Northern America for study tour and he experienced seasonal inteverse of the wind. Identify the type of climate in the area

a) Tropical maritime c) Equatorial
b) Tropical continental d) Tropical monsoon

v. Feature that occurred when heated water in the crustal rock is ejected explosively through a plumb-like narrow channel higher above the surface

a) Mofette c) Hot spring
b) Fumarole d) Geyser

vi. The crescent-shaped depositional features found in desert are called:-

a) Barchans c) Yardangs
b) Zeugenes d) Seif dunes

vii. Mr. chedua is a peasant from Ifakara in Morogoro who applies proper methods of farming. Which set suit Mr. Chedua?

a) Terracing, overgrazing and ploughing
b) Contour ploughing, cop rotation and mulching
c) Recycling, bush fallowing and terracing
d) Terracing, overstocking and shifting cultivation

viii. It is a layer in which radio waves are reflected and it is important for communication

a) The troposphere c) The stratosphere
b) The thermosphere d) The ionosphere

ix. The coarseness or fineness of the soil relative to the size of individual enables us to determine the type of soil. One of the following is the type of soil that is more suitable for agricultural activities and commonly found in the river flood plain

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a) Clay soil. c) Silt soil

b) Sand soil d) Loamy soil

x. The action of high temperature and great pressure on some rocks can change their physical and chemical properties to form

a) Plutonic rocks c) Granite rocks

b) Metamorphic rocks d) Hypabyssal rocks

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

List A	**List B**
I. A type of research approach based on the measurement of quantity or amount.	A. Sampling techniques
II. A scientific research approach of investigation that gathers non-numerical data.	B. Qualitative research approach
III. A task of collecting data physically.	C. Independent variable
IV. Is the variable which influences the changes of the other variable.	D. Quantitative research approach
V. Refers to the procedure that a researcher adapts to select a sample.	E. Reconnaissance
VI. Refers to a brief survey of the study area or site	F. Field research
	G. Dependent variable
	H. Research design

SECTION B (54 Marks)

Answer **all questions** from this section

3. Carefully study the map extract of Mbeya sheet ((244/4) provided and then answer the following questions

(a) Identify procedure to be follow when calculating the area covered by Mbeya Forest Reserve by using tracing method

(b) Describes two methods used to represent relief features on the map

(c) On topographical map a cross section is used to show relief variation across a region, identify seven steps to consider when you drawing a cross section on a map.

4. Study in very carefully the following graph hence answers the question below

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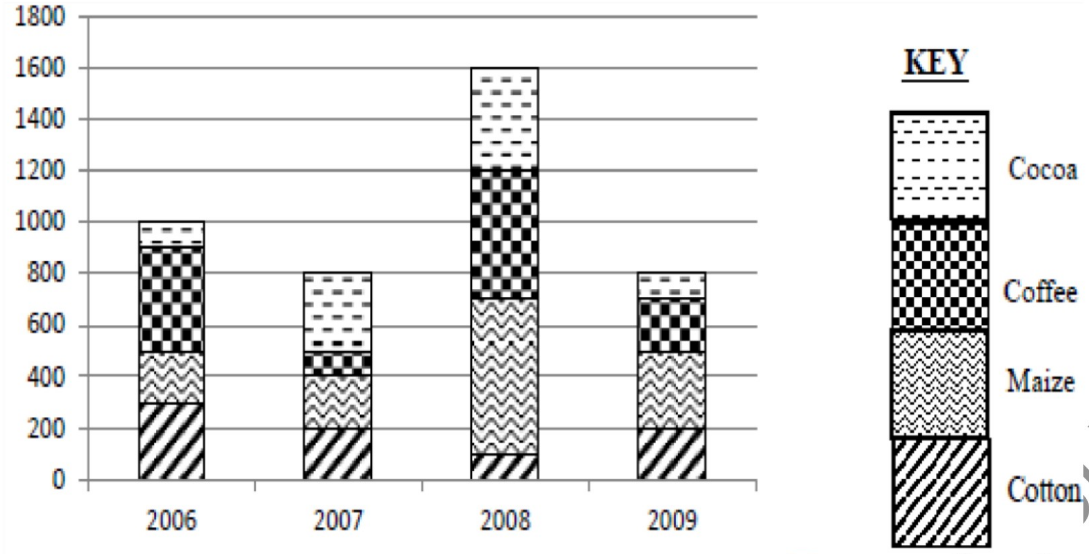

a. With vivid reason, what type of graph?
b. Formulate the table of value to represent the data.
c. Present the data above in a group bar graph to show crops production from 2006 to 2009.
d. Outline two merits and demerits of a graph that name in (a) above.

5. Michael is the form four student from, during the holiday he went to visit his uncle in Morogoro, when he was there he saw a lot of children with no parents and place to live, some were sleeping in bus stand others in the market, he decided to conduct a research about this situation.

(a) Suggest a proper research problem for this research
(b) Identify any source of that research problem
(c) Suggest any three possible tools he would used to conduct a research
(d) Choose on research tool from above, show two advantages and disadvantages.

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6. Carefully study the following photograph and then answer the questions that follow:-



a. Briefly explain why this type of photograph is not used for map making?
b. At what time the photography was taken? Why?
c. Identify the physical feature resulted from wave deposition found in front view
d. Comment on the temperature of the area in relation to the altitude

7. A process during which the measurements are taken in the field and 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) considerations that should be taken during the above process in (a) above.

8. Form three students visited the river mouth of Rufiji River and they found the river pours its water into the Indian Ocean by spreading many small channels called distributaries covering a wide flat land with alluvium deposit forming a triangular shaped feature

(a)Identify feature observed by form three students
(b)Describe four (4) conditions necessary for the formation of a feature named above in (a) above
(c) Briefly explain four importance of a feature in (a) above

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SECTION C (30 Marks)

Attempt **only two (2)** question from this section.

9. The government of Tanzania through its agencies and international agencies has been established various projects and efforts for land reclamation. What were the reasons for establishment and challenges facing HADO project?

10. Most of East Africa Rivers are not suitable for navigation purpose. Justify this statement by six points

11. Suppose you have been invited by the fishers in Kyela village to teach them about the features they observe along the coast of Kyela beach. With the aid of diagrams, you are required to teach them six (6) features which were formed by the wave erosion along the coast

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