



THE UNITED REPUBLIC OF TANZANIA



PRESIDENTS OFFICE

REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

FORM ONE JOINT ANNUAL EXAMINATION KILIMANJARO REGION

034.

AGRICULTURE

TIME : 2:30HOURS

2025

INSRTUCTION

This paper consists of section A, B and C.

Answer ALL question

FOR EXAMINERS USE ONLY		
QUESTION NO	SCORE	EXAMINERS' INITIALS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
TOTAL		

SECTION A (15 MARKS)

1. For each of the following item (i) - (x), choose the correct answer from the given alternatives and write it's letter beside the item number in the answer sheet provided. 10 Marks

(i) Agriculture is another term for farming. It involves _____

- A. Growing and harvesting crops and looking after animals.
- B. Number of plants per unit area .
- C. Specific amount and type of seed provided to animal.
- D. Killing animal for meat.

(ii) Animal production involves different activities from raising animals to selling them. Which of the following is not fact about this statement.

- A. Planning how to raise animal.
- B. Providing housing for the animals.
- C. Feeding the animal.
- D. Preparing land for planting.

(iii) Horticulture is the part of agriculture, combining art and science in cultivating and managing vegetables, fruits and spices. Which part of horticulture that studies fruits?

- A. Olericulture.
- B. Pomology.
- C. Viticulture.
- D. Floriculture.

(iv) Agricultural engineering uses science and technology to improve _____

- A. Food consumption.
- B. Disease control in crops
- C. Efficiency, productivity and quality of farming
- D. Weed control in crop production

(v) The soil particles with diameter less than 0.002m is known as ..

- A. Silt soil.
- B. Clay soil.
- C. Sand soil.
- D. Loamy soil.

(vi) A farmer at Mtakuja village was watering his garden while watering he noticed

that the soil drains water quickly. What this suggest to farmer ?

A. It is sand soil

B. It is silt soil.

C. It is clay soil

D. It is loamy soil

(vii) Which one is not an example of crops for which the whole plant, leaves, stems, fruits, roots, seed or pods are used as food , normally mixed with other foods?

A. Okra.

B. Chinese cabbage.

C. Spinach.

D. Tangerine.

(viii) Arrangement of individual soil particles into aggregate is called_____

A. Soil structure.

B. Soil texture.

C. Soil porosity.

D. Soil profile.

(ix) Horticultural farming can be grouped in various ways, how horticulture can be grouped according to purpose?

A. Subsistence and commercial.

B. Home gardening.

C. Field horticulture.

D. Mixed gardening.

(x) Germination test is when a seed grows into a plant. This is the key step in planting.

What is the germination percentage if the total seeds sown are 1250 and 1225 seeds germinated?

A. 96%.

B. 98%.

C. 97%.

D. 92%

I	II	III	Iv	V	VI	VII	VIII	IX	X

2. Match the item in LIST A with the response in LIST B by writing of the letter of

corresponding response beside the item number. 05 Marks

LIST A	LIST B
(i) Use science and technology to make tools equipment and machines and other agricultural structures used in farming.	A. Soil science
(ii) It focuses on managing resources to make profit.	B. Crop production
(iii) A part of agriculture that studies soil.	C. Agricultural engineering
(iv) Branch of agriculture that involves different activities from raising animals to selling them and other product.	D. Agricultural economic
(v) Branch of agriculture that involves different activities from planting seed to selling the crops.	E. Animal production

LIST A	I	II	III	IV	V
LIST B					

SECTION B (70 MARKS)

3. Agriculture is a corner stone of Tanzania economy. Justify this statement by explaining five points. 10 Marks

I).....

II).....

III).....

IV).....

V).....

4. Agriculture subject teaches about crop and animal production or value chains for

better returns. Learning proper practices in these chains require knowledge and skills from agriculture and other subjects. Explain how agriculture is closely related with other five subjects in various ways or field. 10 Marks

I).....

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II).....

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III).....

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IV).....

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V).....

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5.(a) Why are horticultural crops considered essential for economic development and nutritional security. Give five point. 05 Marks

I).....

II).....

III).....

IV).....

V).....

05 Marks

II.....

IV

6.(a) Soil is a top most part of the earth where plant and animal lives. With the

components of soil and in each component show its distribution by volume. 7.5 Marks

[illegible]

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(b) Organic matter is the remains of dead bodies of plants and animals. How

organic matter is important in the soil ?. (Three points). 2.5 Marks

I.....

II.....

III.....

7 a). Mention four major horizons in a soil profile found in undisturbed soils and give one characteristic for each horizon. 8 Marks

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b). Why horizon B considered to be less fertile than A horizon? 2 Marks

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8. (a) Soil is used for growing crops, soil is like a plant's home as it offers good conditions for growth. But not all soil is suitable for growing crops. Give four reasons for this statement. 4 Marks

- I.....
- II.....
- III.....
- IV.....

(b) How can farmers keep their soil healthy? Give six points. 6 Marks

- I.....
- II.....
- III.....
- IV.....
- V.....
- VI.....

9. Complete table below showing primary characteristics of soil type components.

10Marks

Parameter	Sandy	Silty	Clayey	Loamy
Particle size	_____	Slightly smaller than sand and larger than clay.	_____	Balance of sand, silt and clay.
Feel	Gritty	_____	Smooth	Smooth or silky
Tilling	_____	Need regular tilling	_____	Easily.

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