AGRICULTURE

GENERAL OBJECTIVES

The aim of the Unified Tertiary Matriculation Examination syllabus in Agriculture is to prepare the candidates for the Board's examination. It is designed to test their achievement of the course objectives, which are to:

- 1. stimulate and sustain their interest in Agriculture;
- 2. acquire basic knowledge and practical skills in Agriculture;
- 3. acquire the knowledge of interpretation and the use of data;
- 4. stimulate their ability to make deductions using the acquired knowledge in Agriculture.

The syllabus is divided into five sections as given below:

- A. General Agriculture
- B. Agronomy
- C. Animal Production
- D. Agricultural Economics and Extension
- E. Agricultural Technology

DETAILED SYLLABUS

SECTION A: General Agriculture

TOPICS/CONTENTS/NOTES	OBJECTIVES
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1.	Meaning and Scope of Agriculture	Candidates should be able to:
	a. Definition of Agriculture	use the definition of Agriculture in modern terms as it relates to production, processing and marketing.
	b. Branches of Agriculture	differentiate between the various branches of Agriculture.
2.	c. Types of Agriculture i.e. subsistence and commercial	differentiate between the various types of Agriculture, their advantages and disadvantages and their respective problems.
	Importance of Agriculture	Candidates should be able to:
	i. Provision of raw materials for agro-	relate agricultural benefits to individual farmers.
	allied industries ii. Provision of employment iii. Development of rural areas, etc.	relate agro-allied industries to their respective raw materials.
3.		relate the various contributions of Agriculture to economic development in West Africa.
		Candidates should be able to:
	Agricultural Ecology	differentiate between the features of the ecological
	a. Ecological zones of West Africa	

TOPICS/CONTENTS/NOTES	OBJECTIVES
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b. Agricultural products of each ecological zone

c. Environmental factors and their effects on crop and livestock production

zones in West Africa.

classify agricultural products according to each ecological zone.

differentiate abiotic from biotic factors affecting agricultural production.

4. Agricultural Genetics

a. First and second laws of Mendel

b. Cell division

- c. Terminologies e.g. locus, alleles, genotype, dominance
- d. Methods of crop improvement e.g. introduction, selection, crossing, quarantine etc.
- e. Methods of animal improvement e.g. introduction, breeding, quarantine and selection: Breeding systems inbreeding, line-breeding, cross-breeding, artificial insemination

Candidates should be able to:

apply the first and second laws of Mendel to genetics.

differentiate between the types of cell division.

- i. determine the outcome of genetic crossing involving homozygous and heterozygous traits. ii. compute simple probability ratios.
- i. give reasons for crop improvement.
- ii. distinguish between various methods of crop improvement, and their respective advantages and disadvantages.
 - i. give reasons for animal improvement.
 - ii. differentiate between the various methods of animal improvement, and their respective advantages and disadvantages.

5. Farm Inputs

6.

e.g. planting materials, agrochemicals, etc.

Candidates should be able to:

classify different types of farm inputs and their uses.

Candidates should be able to:

compare various agricultural systems.

identify the problems, their effects and proffer solutions

History of Agricultural Development in West Africa

- a. Agricultural systems e.g. shifting cultivation, bush fallowing, etc.
- Problems of Agricultural development e.g. land tenure systems, inadequate infrastructures, inadequate finance for agriculture, environmental degradation, etc.

c.	Establishment of national research institutes e.g. NCRI, IAR, IAR&T, CRIN, NIFOR, FRIN, RRI, NRCRI,	i. trace the history of research institutes from past to present.

TOPICS/CONTENTS/NOTES		TOPICS/CONTENTS/NOTES	OBJECTIVES
		NIHORT, LCRI, etc. and international research institutes e.g. IITA, ILRI, ICRISAT, WARDA, etc., leading to increased application of science to the development of agriculture.	ii. assess their role in the development of agriculture.
	d.	Agricultural Development Projects (ADPs) e.g. RTEP, FADAMA etc.	give reasons for the establishment of ADPs.
	e.	National Agricultural Programmes such as OFN, NAFPP, NALDA, Green Revolution, NCRPs, NARP, Project Coordinating Unit (PCU) etc.	evaluate the contributions of national agricultural programmes.
		les of Government and NGOs in ricultural Development	Candidates should be able to:
7.	a.	Development of fiscal policies favourable to agricultural production e.g. import duties, ban on importation, e.t.c.	evaluate the effects of government policies on agricultural development.
	b.	Agricultural laws and reforms e.g. Land Use Act.	
	c.	Government programmes aimed at agricultural development e.g. subsidies, credit facilities, e.t.c.	identify agricultural laws and their effect on agricultural production.i. identify the various agricultural incentives
			provided by the government.
	d.	Provision of infrastructures e.g. transport systems, communication	ii. assess their effects on agricultural development.
		systems, e.t.c.	compare the various infrastructural facilities provided by government and their uses.
	e.	Contribution of NGOs to agricultural development	by government and then uses.
			examine the roles of NGOs in the development of agriculture.



Agriculture

TOPICS/CONTENTS/NOTES	OBJECTIVES
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1	1. Rocks and Soil formation		ocks and Soil formation	Candidates should be able to:
		a.	Rock formation	Identify the major types of rocks and their formation.
		b.	Factors affecting rock weathering and soil formation	identify major types and properties of soils; factors and processes of soil formation.
		c.	Physical properties of soil	differentiate between the horizons in a soil profile.

SECTION B: Agronomy

TOPICS/CONTENTS/NOTES	OBJECTIVES
i. Soil profile	

- ii. Soil components, texture and structure
- d. Chemical properties of soil
 - i. Soil acidity and alkalinity ii. Chemical components of soil e.g. silicate

Soil Water and Soil Conservation

- a. Soil water: its importance, sources, movement, management and conservation.
- Soil conservation: meaning and importance, causes, effects, prevention and control of leaching, erosion, continuous cropping, burning and oxidation of organic matter.
- c. Irrigation and drainage methods.

3.

2.

Soil Fertility

- Macro and micro-nutrients and their roles in plant nutrition: carbon, water and nitrogen cycles.
- The living population of the soil (flora and fauna), and their roles in soil fertility.
- c. Maintenance of soil fertility:

Methods of maintaining soil fertility e.g. use of cover crops, application of organic manures, etc.

 d. Nutrient deficiency symptoms e.g. chlorosis, sickle leaves, stunting, apical necrosis etc.

- i. differentiate between the components of soil. ii. compute the proportion of soil components.
- iii. analyse soil into its component parts.
- iv. determine the water-holding capacity of soil.

determine the soil pH.

Candidates should be able to:

- compare capillary, gravitational and hygroscopic water
- ii. determine water-holding capacity, wilting points and plant available/unavailable water.
- iii. Identify the methods of soil water management and conservation.
- i. identify the causes of erosion and leaching.
- ii. determine control methods.
- i. classify irrigation and drainage systems.
- ii. examine the importance and challenges of irrigation and drainage.

Candidates should be able to:

- i. classify plant nutrients.
- ii. identify factors affecting their availability.

examine the roles of soil flora and fauna in maintaining soil fertility.

- i. compare the different methods of maintaining soil fertility.
- ii. differentiate between organic and inorganic fertilizer, and their methods of application.
- iii. determine common fertilizer ratios.
- identify the deficiency symptoms and their causes.
- ii. suggest remedies.

TOPICS/CONTENTS/NOTES	OBJECTIVES	

4. Land Preparation and Soil Tillage

- a. Principles and practices of land preparation and soil tillage
- b. Factors affecting choice of tillage methods: Zero tillage, minimum tillage, etc.

5. Plant Forms and Functions

- a. Parts of monocot and dicot crop plants and their functions
- b. The anatomy and morphology of the storage organs of common crop plants

Growth, Development and Reproduction

- a. Gametogenesis
- b. Pollination

6.

7.

- c. Fertilization
- d. Embryo formation and development

Plant Propagation Methods

- a. Sexual: the use of seeds, seed viability, viability test, seed rate and seed germination
- Asexual (vegetative propagation) e.g. cutting, budding, grafting, layering, e.t.c.
- c. Nursery and nursery management

Candidates should be able to:

- compare the different methods of land preparation and soil tillage in relation to different groups of crops.
- state the advantages and the disadvantages of the different methods of land preparation and soil tillage.

give reasons for the choice of tillage methods.

Candidates should be able to:

- i. identify crop plant parts and their functions.
- ii. distinguish between monocot and dicot crop plants.

identify various storage organs of crop plants.

Candidates should be able to:

examine the process of gamete formation.

Identify the different types of pollination.

analyse the process of fertilization.

trace the process of embryo formation and development to the formation of seeds and fruits.

Candidates should be able to:

- i. classify crops propagated by sexual methods.
- ii. determine seed viability and seed rate.
- iii. differentiate between types of seed germination. iv. examine the conditions for seed germination.

classify crops into different vegetative propagation methods.

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 i. determine appropriate nursery sites, types; their advantages and disadvantages. ii. apply the techniques of transplanting seedlings

TOPICS/CONTENTS/NOTES	OBJECTIVES
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8. Cropping Systems, Planting Patterns and Plant Densities

- a. Cropping systems: Monocropping, mixed-, multiple-, inter-, relay-, strip- and rotational cropping
- Planting patterns:
 Broadcasting, row spacing and drilling
- c. Plant densities: single, double and multiple stands

9.

Crop Husbandry

Common and scientific names, gross morphology, anatomy of storage organs, methods of propagation, husbandry practices, harvesting, processing and storage, common diseases and pests, economic importance of the following groups of crops.

- Group 1: Cereals e.g. maize, guinea corn, rice e.t.c.
- Group 2: Legumes e.g. cowpea, groundnut, soyabean e.t.c.
- Group 3: Tubers e.g. yam, cassava, sweet potatoes e.t.c.
- Group 4: Vegetables and Spices e.g. tomatoes, egg plant, pepper, onions, okra, cabbage, Amaranthus sp. e.t.c.
- Group 5: Fruits e.g. citrus, pineapple, pawpaw e.t.c.
- Group 6: Beverages e.g. cocoa, kola, coffee e.t.c.
- Group 7: Oils e.g. oil palm, coconut, shea butter e.t.c.
- Group 8: Latex e.g. para rubber, gum arabic e.t.c.

Candidates should be able to:

- i. identify and compare cropping systems.
- ii. apply different cropping systems to solve problems in agriculture.

differentiate between the various planting patterns.

- i. examine the various types of plant densities and their effects on crop yield.
- ii. compute plant density per hectare.

Candidates should be able to:

- apply the different methods of crop propagation, husbandry, harvesting, processing and storage for each crop.
- ii. identify common diseases and pests and their effects on crop yield.
- iii. determine the economic importance of each of the crops.
- iv. relate their importance to national economic development.

Group 9:	Fibres e.g. jute, cotton, sisal hemp e.t.c.	

TOPICS/CONTENTS/NOTES	OBJECTIVES
Group 10: Sugars e.g. sugarcane, beet e.t.c.	

10.

Pasture and Forage Crops

- a. Study of gross morphology, methods of propagation and husbandry of common pasture grasses and legumes. Establishment, maintenance, conservation and uses of pastures and forage crops.
- Study of natural grasslands and their distribution in West Africa
- c. Range management

11.

Floriculture

Identification, establishment, maintenance and uses of ornamental trees, shrubs and flowers

12.

Weeds

- Gross morphology, methods of reproduction, dispersal and effect of weeds
- b. Weed control methods weeding, mulching, cover cropping, tillage, herbicides and trap cropping

Crop Diseases

- a. Identification of disease—causing organisms both in store and in the field.
- A simple account of diseases caused by fungi, bacteria, nematodes and viruses; symptoms, the nature of the damage, methods of transmission and common methods of control.
- c. Side effects of application or preventive and control methods e.g.

Candidates should be able to:

- i. classify common grasses and legumes used as pastures and forage.
- ii. differentiate between pasture and forage crops by their common and scientific names.
- iii. distinguish between the various methods of conserving pastures e.g. hay- and silagemaking.

relate different vegetational zones to their dominant pasture species.

determine range types and utilization of range resources in Nigeria.

Candidates should be able to:

- i. distinguish between common ornamental trees, shrubs and flowers.
- ii. determine their uses and maintenance.

Candidates should be able to:

- i. identify weeds with their common and scientific names.
- classify weeds according to their mode of dispersal.
- iii. Identify the characteristic features of weeds.

apply various weed control methods.

Candidates should be able to:

distinguish between common store and field disease - causing organisms.

- relate various disease-causing organisms to the damage caused, symptoms and their mode of spread.
- ii. apply appropriate control methods.

relate each control method to its side effect.

	TOPICS/CONTENTS/NOTES	OBJECTIVES
	pollution, poisoning and distribution of ecosystem.	
14.	Crop Pests	Candidates should be able to:
	a. General account of pests of agricultural plants both in the field and in the store, their types, importance, principles and methods of prevention and control	 i. ii. identify the various field and store pests. assess their economic importance. relate various prevention and control methods to different pests. i. ii.
	b. Life cycles of: biting insects e.g. grasshopper; boring insects e.g. weevils; sucking insects e.g. aphids and cotton strainer.	describe the life cycles of various insects. apply the knowledge of the life cycles of insect pests i. ii. to their prevention and control.
	c. Common pesticides and their side effects	Canddifferentiate between common pesticides. examine their mode of action on pests.
15.	Forest Management (Silviculture) a. Importance: Source of wood, pulp, fibre	i. idates should be able to: ii. various forest products to their uses.
	 and other forest products b. Conservation: regulation, exploitation, regeneration, afforestation, agroforestry and management systems; taungya, alley, ley, e.t.c. 	compare different forest conservation methods. apply the various methods appropriately.

SECTION C: Animal Production

TOPICS/CONTENTS/NOTES	OBJECTIVES	

1.	Forms and classification of major farmanimals in West Africa	Candidates should be able to:
	a. Species, breeds, distribution and uses	 i. classify various breeds of farm animals. ii. locate where they are found. iii. Identify the uses of different species of farm animals.
2.	b. External features of cattle, sheep, goa pigs, rabbits and poultry	identify their characteristic features.
	General terminologies in animal production	Candidates should be able to:
	Common terms used in animal husbandry e.g. calving, kidding, castrate, tupping,	distinguish between the various terms in animal husbandry.

TOPICS/CONTENTS/NOTES	OBJECTIVES
veal, mutton, e.t.c.	

3. Anatomy and physiology of farm animals

- a. Functions of tissues and organs of farm animals
- b. Animal body systems e.g. digestive (ruminants and non-ruminants), reproductive, respiratory, urinary (excretory) and nervous systems.
- c. Effect of environmental changes on physiological development of farm animals e.g. climate change (temperature, relative humidity, light, e.t.c.)

4. Reproduction in farm animals

- Gametogenesis, oestrus cycle, signs of heat and heat periods, secondary sexual characters, gestation periods, parturition and the role of hormones in reproduction.
- b. Development, nourishment and birth of the young. Mammary glands and lactation in farm animals.
- c. Egg formation, incubation and hatching in poultry.

Animal nutrition

5.

- a. Feed nutrients and functions
- Feeds and feeding: Simple ration formulation balanced ration, common pasture/forage crops e.g. guinea grass, elephant grass, giant star grass. Andropogon sp, Calopogonium sp. Hay and silage preparation, different types of rations, namely maintenance ration and production ration.
- Nutrient deficiencies: Causes and symptoms of malnutrition and their correction in farm animals.

Candidates should be able to:

distinguish between various functions of tissues and organs of farm animals.

compare different body systems in farm animals.

determine the effects of climate change on farm animals

Candidates should be able to:

- i. give an account of the process of reproduction in farm animals.
- ii. determine the role of hormones in reproduction.

trace the development in farm animals from fertilization to birth and care of the young.

trace the process of egg formation and incubation in poultry.

Candidates should be able to:

identify the various feed nutrients, their sources and functions.

i. differentiate between the types of animal feeds and their formulation. ii. relate the various types of rations to different classes of livestock.

i. trace symptoms to nutrient deficiencies in farm animals.

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ii. apply appropriate corrective measures to nutrient deficiencies in farm animals.

TOPICS/CONTENTS/NOTES	OBJECTIVES

6. Livestock management

Housing, feeding, sanitation and veterinary care of ruminants, pigs, rabbits and poultry under intensive, semiintensive and extensive systems of management from birth to slaughter.

7. Animal Health

- a. Animal diseases (pathology)
 - Environmental factors predisposing animals to diseases; causal organisms, symptoms, transmission and effects.
 - Preventive and curative methods for diseases caused by viruses, bacteria, fungi and protozoa.
- b. Parasites (parasitology)
 - Life cycles and economic importance of livestock parasites e.g. endoparasites, ectoparasites and disease vectors.
 - ii. Prevention and control
 - dipping
 - spraying
 - deworming
 - sanitation

8. Fisheries and Wildlife

- a. Fish culture systems; Common types of fishes e. g *Tilapia*, *Catfish*, etc.
 - Extensive systems: inland and deep-sea fishing, lakes and rivers.
 - ii. Semi-intensive systems: dams
 - iii. Intensive systems: fish ponds -

Factors to consider in ponds establishment and pond management e.g. pond fertilization, liming and desilting.

idates should be able to:

pply the different management practices for farm

idates should be able to:

animals. identify diseases of farm animals and causative agents. classify livestock diseases based

symptoms and mode of transmission. apply appropriate preventive and curative measures against diseases caused by these pathogens.

i. ii. iii.

classify livestock parasites. determine their role in disease transmission. trace life cycles of parasites from egg to adult stage.

i. ii.

iii.

appropriate prevention and control methods st livestock parasites.

appl again

idates should be able to:

identify the common types of fishes in West Africa.

Cand A

differentiate between various systems of fish farming in West Africa.

ii. determine the factors to be considered in intensive fish farming.

iii.

assess the advantages and disadvantages of different fish harvesting and processing methods.

ii.

b. Fish harvesting and processing methods	determine the appropriate methods of catching fish.
 Use of drag nets, hook and line etc. ii. Curing, sun-drying and smoking. 	,

	TOPICS/CONTENTS/NOTES	OBJECTIVES
	iii. Fishery regulations	iii. identify the various methods of fish preservation.
	c. Wildlife management	identify the various fishery regulations in Nigeria.
	Habitat conservation, feed domestication, harvesting, process and wildlife regulations.	ding, i. identify animals found in West African game reserves. ii. give reasons for the establishment of game reserves. iii. Identify the common wildlife regulations.
	Bee-keeping (Apiculture)	
9.	a. Meaning and importance of apicult	Candidates should be able to:
	b. Types of bees e.g.	relate bee-keeping to economic development.
	exotic and indigenous bees	differentiate between various types of bees.
	c. Methods of bee-keeping e.g. traditional and modern bee-keeping	classify methods of bee-keeping.
	d. Equipment and safety measures in beekeeping	identify bee-keeping equipment, their uses and necessary precautionary measures.

SECTION D: Agriculture Economics and Extension

TOPICS/CONTENTS/NOTES	OBJECTIVES	

1.	Factors of agricultural production	Candidates should be able to:
	a. Land i. Types of land ownership in West Africa	 i. understand the meaning of land and state its uses. ii. identify the various forms of land ownership. iii. examine the effects of land ownership on agriculture. iv. differentiate between the various features of land and their effects on land use.
	b. Labour	differentiate between the types and sources of labour and their effects on agricultural production.
	c. Capital	compare the sources of capital and associated problems.
	d. Management	determine the functions of a farm manager in an agricultural enterprise.

TOPICS/CONTENTS/NOTES	OBJECTIVES
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2. **Basic Economic Principles**

a. Demand and supply

Production function:

Input/input, Output/output

b. Input/output relationships; stages of production, concepts of diminishing returns, scale of preference and choice.

Characteristic Features of Agricultural Production;

c. Smallness of farm holdings: biological limits of farm production and susceptibility of farm production to climate, seasonality of farm productions, price elasticity in demand and supply of agricultural produce.

our Management

3 Labour relations: Supervision, etc.

a. Types of labour: Permanent labour etc.

b. National labour laws and regulations.

c.

c.

Farm Management

Qualities, functions and problems of a farm manager.

Records and record-keeping: Types and importance of record-keeping – livestock

b. records, profit and loss account book.

Stock evaluation:

- i. gross and net profits in farm management.
- ii. Appreciation, depreciation and savage value

Agricultural insurance:

d. i. Meaning, importance and types of

Candidates should be able to:

- i. relate demand to supply in agricultural production.
- ii. interpret geographical representation of demand and supply.
- i. relate input to output.
- ii. deduce economic concepts from graphic representation.
- distinguish between the common features of agricultural production and produce.
- ii. compute elasticity of demand and supply.

Candidates should be able to:

identify the various ways of achieving labour efficiency.

differentiate between the various types and sources of labour.

apply national labour laws and regulations.

Candidates should be able to:

identify the qualities, functions and problems of a farm manager.

- i. differentiate between the types of farm records.
- ii. give reasons for keeping farm records.

determine gross and net margins, appreciation, depreciation and salvage value

i. examine the relevance of agricultural insurance ii.
determine the appropriate agricultural insurance
determine the appropriate agricultural insurance

		TOPICS/CONTENTS/NOTES	OBJECTIVES
		agricultural insurance	scheme
		ii. Problems of agricultural insurance	determine the problems associated with agricultural insurance.
5		Marketing of Agricultural Produce	Candidates should be able to:
		Importance of Marketing.	evaluate the importance of agricultural marketing
	a.	Marketing channels.	 i. classify marketing agents and their functions. ii. determine the various ways in which marketing channels pose problems in agricultural production.
	b.	Characteristics of agricultural products affecting their marketing.	determine the characteristics of agricultural products affecting their marketing.
		Agricultural Extension	
6	c.	Meaning and importance.	Candidates should be able to:
		The role of Agricultural Development programmes, universities, research institutes and farmers' organizations	identify the importance of agricultural extension. analyse the roles of government and non-
	a.	(Cooperative societies).	governmental organizations in agricultural extension
	b.	Extension methods including demonstration plots, use of visual aids, mass media, etc.	education. differentiate between the various extension methods.
	c.	Problems of agricultural extension in West Africa and possible solutions.	
	d.		i. examine the problems of agricultural extension in West Africa.ii. provide possible solutions.

SECTION E: Agricultural Technology

TOPICS/CONTENTS/NOTES	OBJECTIVES	

1.	Farm surveying and farmstead planning	Candidates should be able to:
a.	Meaning and importance	examine the relevance of farm surveying to agriculture.
b.	Common surveying equipment, their uses and care	classify common surveying equipment, their uses and care.
c.	Common survey methods	differentiate between the common survey methods.
d.	Principles of farmstead planning.	apply survey principles to farmstead outlay.

TOPICS/CONTENTS/NOTES OBJECTIVES

2.

Simple farm tools

3. Farm machinery and implements

Types

- i. Machinery e.g. tractor, milking machine e.t.c.
- ii. Implements

b.

4.

Uses and maintenance of farm machinery and implements

a. Mechanization and sources of farm power

Sources of farm power e.g. animal and b. machines

Advantages and disadvantages of agricultural mechanization

Problems and prospects of mechanized agriculture in West Africa

a Processing and storage

5. Processing: traditional and modern methods of food processing e.g. gari, rice and groundnut processing, etc.

b.

Storage

Introduction to biotechnology

Basic terms, e.g. tissue and anther culture in vitro fertilization and genetic engineering Identify the factors to be considered in farmstead planning.

Candidates should be able to:

- i. identify simple farm tools.
- ii. use and maintain farm tools.

iii. compare the advantages and disadvantages of simple farm tools.

Candidates should be able to:

identify common farm machinery and implements.

i. classify farm machinery according to their uses. ii. Operate farm machines and implements.

apply appropriate maintenance routines on farm machines and implements.

Candidates should be able to:

compare the advantages and disadvantages of various sources of farm power and their application.

distinguish between the advantages and disadvantages of mechanization.

assess the problems and prospects of mechanized agriculture in West Africa.

Candidates should be able to:

- i. identify the importance of agricultural processing.
- ii.differentiate between the various methods of processing agricultural produce.
- i. Identify and compare different storage methods.
- ii.apply appropriate storage methods to different crops.

Candidates should be able to:

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	i. use basic terms in biotechnology.
	ii. provide reasons for the importance and
	application of biotechnology.
1	

		TOPICS/CONTENTS/NOTES	OBJECTIVES
7.			Candidates should be able to:
			identify the various components of a computer.
		Application of ICT in agriculture Features of computers	use the computer to enhance agricultural practices.
	a. b.	Uses of computers in agriculture: disease and weather forecasting, ration formulation, database and simulation studies, etc.	use communication gadgets to improve agricultural production.
8.	c.	Use of communication gadgets e.g. mobile phone, internet, etc.	Candidates should be able to:
		Introduction to agricultural research and statistics	use basic concepts in agricultural experiments.
	a.	Basic concepts in planning agricultural experiments e.g. hypothesis, treatment and control, etc.	i. draw inferences from experimental results.ii. compute simple measures of central
	b.	Interpretation of results, e.g. measures of central tendency and experimental errors.	tendency.

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