



GENERAL MATHEMATICS

WEEKS	TOPICS	CONTENTS
1	Algebraic Fractions	*simplifying algebraic fractions *multiplication and division *addition and subtraction *undefined fractions
2	Measurement of plane shapes	*Triangle *Circle *sector *segment
3	Probability	*Introduction *addition law *multiplication law *tree diagram

ASSIGNMENT QUESTIONS:

- 1) POQ is a sector of a circle with angle 140° at the centre, O is the centre of circle of diameter 40cm. calculate:
- The area of the minor segment
 - The area of the major segment
 - The perimeter of the minor segment .[take $\pi = 3.14$]

FURTHER MATHEMATICS

WEEKS	TOPICS	CONTENTS
1	Graphs of trigonometric functions	*the graphs of $y = \sin \alpha$ *the graphs of $y = \cos \alpha$ *the graphs of $y = \tan \alpha$
2	Graphs of inverse trigonometric functions	*the graphs of $y = \arcsin \alpha$ *the graphs of $y = \arccos \alpha$ *the graphs of $y = \arctan \alpha$
3	Differentiation	*the derivative of $\sin x$ *the derivative of $\cos x$ *the derivative of $\tan x$



ASSIGNMENT QUESTIONS:

- 1) a. Draw the graph of $y = 3\sin x - 1$ in the range. $0^\circ \leq x \leq 360^\circ$ at intervals of 15°
- b. Use your graph to:
- i) Find the minimum value of $3 \sin x - 1$
 - ii) The value(s) of x for which $3\sin x - 1$ is minimum.

CIVIC EDUCATION

WEEKS	TOPICS	CONTENTS
1.	Inter-Communal Relationships.	(i) Meaning of Inter-Communal Relationships. (ii) Importance of Inter-Communal Relationships. (iii) Skills for Resolving Inter-Communal Relationships.
2.	Characteristics and Categories of Human Rights.	(i) Meaning of Human Rights. (ii) Characteristics of Human Rights. (iii) Categories of Human Rights.
3.	Fighting Political Apathy.	(i) Meaning of Political Apathy. (ii) Ways of Fighting Political Apathy.

ASSIGNMENT QUESTIONS:

1. State three importance of Inter-Communal Relationships.
2. Itemize four characteristics of human rights.

ENGLISH LANGUAGE

WEEKS	TOPICS	CONTENTS
1.	1. Speech 2. Argumentative Essay-Debate 3. Phrasal Verbs	1. / m / and / n /-Revision and classwork 2. Definition and structure 3. Explanation and more examples
2.	1. Speech 2. Debate 3. Summary Writing 4. Capital Letters	1. / ei / and / ?u /- pronunciation and identification 2. How to write a good argumentative Essay-Debate 3. Revision/Explanation and classwork 4. Correct use of capital letters
3.	1. Speech 2. Collocation 3. Concord 4. Concord	1. / t / and / d /-Past tense marker or indicator 2. Definition, types, and examples 3. Definition and types 4. General rules of concord



ASSIGNMENT QUESTIONS:

1. The topic of the debate organized by The Debate and Literary Club of your school is “Drug pushers should be executed. Write your speech/debate for or against the topic. Your answer should NOT be less than 450 words long.

GEOGRAPHY

WEEKS	TOPICS	CONTENTS
1.	Climatic Classification systems.	Greek and Koppens.Torrid zone, Temperate zone and frigid zone.
2.	Major Climatic types.	Equatorial climate. Climatic characteristics, vegetations, Human activities
3.	Major Climatic types.	Sudan climate. Climatic characteristic, vegetations , Human activities.

ASSIGNMENT QUESTIONS:

- 1(a) Name any three of Koppen’s major climatic groups.
 (b) What is the basis of this type of classification?
 (c) Name any two types of climate within koppen’s first group and show the unique features of each type.

BIOLOGY

WEEKS	TOPICS	CONTENTS
1.	Pests and diseases of crops	1. Definition of pests 2. Classification of pests 3. Stem borers
2	Pests and diseases, life cycle of pests	1. Life cycle of pests 2. Control of pests 3. Common pests of plants and animals
3	Pest and diseases of crops: diseases caused by fungi, virus and bacteria	1. Disease caused by pests and their agents 2. Control of pests



ASSIGNMENT QUESTIONS:

Define pest.

Draw the life cycle of housefly.

List the diseases caused by housefly.

HISTORY

WEEKS	TOPICS	CONTENTS
1	Consular and company	Activities and their impacts on coastal state and the hinterland
2	Yoruba land in the 19th century	Yoruba and Benin
3	The era of Ibadan dominance	The peace of 1886 and increased British pressure of Yoruba land

ASSIGNMENT QUESTIONS:

Who is a consul and who was the first consul appointed for the Bights of Benin and Biafra by the British?

What were the factors responsible for the collapse and fall of the Oyo Empire

What do you understand by the Ekiti Parapo or the Ekiti confederation?

CHEMISTRY

WEEKS	TOPICS	CONTENTS
1.	Organic Chemistry 2	Hydrocarbons
2.	Saturated and unsaturated hydrocarbons	Alkane, Alkenes and Alkynes
3.	Polymerization, Isomerism, and Cracking	Definitions, types of cracking

ASSIGNMENT QUESTIONS:

Mention 4 main classes of hydrocarbons.

Define the following terms: i. cracking of petroleum ii. Isomerism.

What is polymerization?



PHYSICS

WEEKS	TOPICS	CONTENTS
1	Magnetic Field	Concept of magnetic field Patterns of magnetic field Methods of making magnets
2	Magnetic Field 2	Electromagnets and the application of electromagnetic field
3	Simple Harmonic Motion [SHM].	Definition of SHM SHM from circular motion Speed/acceleration of SHM Energy of SHM

ASSIGNMENT QUESTIONS:

New School Physics for Senior Secondary Schools by M. W. Anyakoha [Book 3]
Page 429, Exercise 6: Nos 3 – 6 & 22.

GOVERNMENT

WEEKS	TOPICS	CONTENTS
1	Nationalism in Nigeria	Meaning of nationalism Origin of nationalism Factors that encouraged nationalism
2	Pre-Independence Constitutions	The Clifford Constitution of 1922 Historical background Features Advantages and disadvantages
3	Pre-Independence Constitutions	The Richard Constitution of 1946 Historical origin Aims and objectives Achievements and weaknesses

ASSIGNMENT QUESTIONS

Give **two** reasons why the Clifford constitution was significant in the political development of Nigeria.

[a] Define nationalism

[b] Identify **two** factors that encouraged nationalism in Nigeria.



ANIMAL HUSBANDRY

WEEKS	TOPICS	CONTENTS
1	Animal Improvements	Meaning of Animal Improvements Aims of Animal Improvements
2	Methods of Animal Improvements	Introduction: Meaning of Introduction Advantages and disadvantages of Introduction
3	Methods of Animal Improvements	Selection: Meaning of Selection Types of Selection Advantages and disadvantages of Selection

ASSIGNMENT QUESTIONS

List **five** aims of animal improvements

[a] Define the term ‘introduction’

[b] State **three** advantages and **three** disadvantages of introduction.

[a] Define the term ‘selection’

[b] Mention the types of selection

[c] Give **three** advantages and **three** disadvantages of selection.

ECONOMICS

WEEKS	TOPICS	CONTENTS
1.	Public finance	i. Fiscal policy ii. Objective of public finance iii. Taxation iv. Types of taxation.
2.	Taxation	i. System of taxation ii. Mathematical approach of taxation.
3.	Budget	i. Balanced and unbalanced budget ii. Surplus and deficit budget.

ASSIGNMENT QUESTIONS

1. State and explain six ways of financing a deficit budget.

2. Draw the three diagrams representing the three system of taxation.



LITERATURE -IN- ENGLISH

WEEKS	TOPICS	CONTENTS
1	African Poetry: Leopold Sedar Senghor: BLACK WOMAN	1. Poetic reading and oral explanation 2. Poetic recitation(One after the other) 3. Students oral explanation of the poem.(One after the other) 4. Content analysis of the poem
2.	Leopold S. Senghor: BLACK WOMAN	1. The language of the poem 2. Literary devices employed in the poem 3. Use of symbolism/imagery in the poem 4. The structure of the poem
3.	Leopold S. Senghor BLACK WOMAN	1. Themes in the poem 2. Themes in the poem 3. The poem as an Ode 4. The patriotic nature or tone of the poem

ASSIGNMENT QUESTIONS:

1. With noticeable reference(s) to the poem, describe Leopold S. Senghor's Black Woman, as an Ode.

FINANCIAL ACCOUNTING

WEEKS	TOPICS	CONTENTS
1.	Consignment Account	1) Consignor 2) Consignee 3) Consignment Outwards/Inwards 4) Del-credere Commission
2.	Preparation of the Book of Account	1) By the consignor 2) By the Consignee
3.	Account Books kept by the Consignee	1) By the Consignee

ASSIGNMENT QUESTIONS:

1. Write short notes on the following:
(a) Consignor (b) Consignee (c) Consignment (d) Del-credere Commission



HOME MANAGEMENT

WEEKS	TOPICS	CONTENTS
1.	Kitchen Plan Hygiene and Safety	1) Kitchen Plan 2) Hygiene and Safety 3) Kitchen Equipment and Utensils
2.	Meals	1) Meaning and Preparation and Serving of meals 2) Entertainment
3.	Consumer Education	1) Definition and Importance 2) Rights and Responsibilities of Consumers

ASSIGNMENT QUESTIONS:

1. Discuss ten guidelines for good table manners.

TECHNICAL DRAWING

WEEKS	TOPICS	CONTENTS
1	Interpenetration	Applications, practical
2	Freehand sketching	Practical on engineering tools
3	Isometrics projection	First angle and third angle

ASSIGNMENT QUESTIONS:

1. What is interpenetration?
2. What are the applications of interpenetration?
3. Make a freehand sketching of spanner

AGRICULTURAL SCIENCE

WEEKS	TOPICS	CONTENTS
1	Environmental physiology	Meaning and Effects of Temperature/Rainfall/Light/Relative Humidity
2	Livestock Management Practices	Housing/Feeding/Identification/Hygiene/Castration/Culling
3	Animal Nutrition	Definition of nutrition/Classes and Sources of feed/Ration/Malnutrition

ASSIGNMENT QUESTIONS:

1. State FOUR reasons each why animals are castrated and culled.
2. State FIVE symptoms of malnutrition.