SS3
FIRST TERM
2019/2020 SESSION
ASUSU IGBO
PROJEKITI

RUPUTA IHE NZIKORITA OZI NKE TEKNOLOJI DIKA EKWENT□, REDIO, LAPTOPU, TELEVISHON WDG

(NAANI OTU KA I GA-ARUPUTA) MAOBU SEE ESERESE ECHICHI ODINAALA DI ICHE ICHE.

DEPUTA ORU 'NA' N'AHIRIOKWU NDIA

1. ji na ede bu nri
2. Anyi na-aga ahia
3. O bi n'Aba
4. Anyi natara ha ego.
5. Obi zuru ahia na Legos
6. Ibe na-ede ihe
8. Biko nabata ya nke oma
9. Ikenna gara zuta ugoala na Lokoja.
10 Aki na Ukwa bu ihe Oriri.

SS3
FIRST TERM
2019/2020 SESSION
CHEMISTRY
PROJECT

USE PLYWOOD TO DRAW THE FRACTIONAL DISTILLATION OF CRUDE OIL.

HOLIDAY ASSIGNMENT

1

i. What is homologous series

ii. Give two characteristics of homologous series.

b. A hydrocarbon Z with a molecular mass of 78 on combustion gave 3.385g of CO_2 and 0.692g of H_2O determine the molecular formula of Z.

(H=1, C=12, O=16)

2. Draw and label the energy diagram for the reaction

H2(g) + 12(g) ⟶ 2HI(g) △H: -13KJ/mol

Define (1) Electrolyte (ii) electrolysis (iii) Hard water

2b. State two advantages and two disadvantages of hard water.

SS3
FIRST TERM
2019/2020 SESSION
DATA PROCESSING
PROJECT

IN AN ALBUM FORM, DRAW ANY FOUR RESOURCES SHARED ON THE NETWORK.

ASSIGNMENT

1. Define Networking
2. State three types of Network
3. Define Intranet
4. Mention any four resources share on the Network.
5. What is Data security.

SS3
FIRST TERM
2019/2020 SESSION
BIOLOGY
PROJECT

USE AN ALBUM, WITH AID OF DIAGRAMS DESCRIBE THE STRUCTURE OF THE KIDNEY, DISEASES OF THE KIDNEY AND REMEDY. THE LIVER, LIVER DISEASES AND REMEDY STRUCTURE OF THE SKIN AND ITS FUNCTIONS.

HOLIDAY ASSIGNMENT

a. List the Endocrine glands and their hormones
b. Effects of over production and under-production of the hormones
c. Effects of each of the hormones

SS3
FIRST TERM
2019/2020 SESSION
PHYSICS
PROJECT

USING WOOD ONLY, CONSTRUCT EITHER

1. A DFRAWING BOAWRD (40CM SQUARE)
OR
II. KNIFE EDGE (WITH SHARP EDGES)
OR
III. LENS HOLDER

HOLIDAY ASSIGNMENT

WRITE ANSWERS TO ALL THE QUESTIONS SET FOR THE PROMOTIONAL EXAMINATION BOTH OBJECTIVE AND ESSAY (3RD TERM 2018/2019).

SS3
FIRST TERM
2019/2020 SESSION
ENGLISH LANGUAGE
PROJECT

1. CREATE AN ALBUM
2. DEFINE PRONOUN
3. EXPLAIN TYPES OF PRONOUN AND WRITE FIVE SENTENCES WITH EACH OF THEM.

HOLIDAY ASSIGNMENT

WRITE THE PLURAL OF THESE COMPOUND NOUNS IN A 40 LEAVES EXERCISE BOOK.

1. Passer by
2. Head of department ii. Commander in Chief

3. Secretary general
4. Director general
5. Notary public
6. Grown up
7. Deputy governor
8. Woman lawyer
9. brother in law
10. Girlfriend

SS3
FIRST TERM
2019/2020 SESSION
ECONOMICS
PROJECT

TOPIC: CONSTRUCTION INDUSTRY
QUESTION: CONSTRUCT A PEESTRIAN BRIDGE

HOLIDAY ASSIGNMENT

1. The following table shows the population and Gross National Product (GNP) of countries R,S,T,U and V in year 2000, use the table to answer the questions below

COUNTRIES	POPULATION(IN MILLION)	GNP (IN MILLION)
R	120	2,500
S	180	12,000
T	60	4,000
U	100	6,500

V	25	2,500

i. Calculate the per capital incomes of countries R,S,T,U and V.

ii. Determines the range of the per capital incomes of the five countries

iii. Which of the countries enjoyed the highest standard of living

b. Draw a simple bar chart showing all the countries and their respective per capital incomes.

SS3
FIRST TERM
2019/2020 SESSION
CHRISTIAN RELIGIOUS KNOWLEDGE
PROJECT

IN A CARD BOARD SHEET LIKE ALBUM FORM WRITE OUT

1. LIST SIX DEMANDS OF DISCIPLESHIP OF JESUS

2. LIST AND EXPLAIN FIVE PRESSURES THAT MILITATE TRUE DISCIPLESHIP OF JESUS AMONG CHRISTIAN TODAY

HOLIDAY ASSIGNMENT

1. Why did Jesus go for baptism
2. Was he supposed to be baptized.

3. mention two signs of the specialty of his baptism.

SS3
FIRST TERM
2019/2020 SESSION
GEOGRAPHY
PROJECT

(1) Construct these surveying tools
(a) Ranging pole
(b) Günter's chain
(c) measuring type

HOLIDAY ASSIGNMENT

1. What is land surveying
2. List at least five importance of land surveying
3. List at least five branches of land surveying
4. List at least five types of surveying and discuss at least (3) three.

SS3
FIRST TERM
2019/2020 SESSION
AGRICULTURAL SCIENCE
PROJECT

1. PREPARE AN ALBUM OF DIFFERENT TES OF AQUACULTURE LIKE:
(A) FISH
(B) SHRIMPS

(C) CRAB
(D) PERIWRINKLE
(E) OYSTER ETC

ASSIGNMENT

1. State the meaning of crop improvement
2. Enumerate five aims of crop production
3. List and explain three methods of crop improvement.
4. State the three methods of selection.
5. Define the term "Breeding/hybridization
6. Define the following genetic terms
   i. Chromosomes
   ii. Genes
   ii. Gamete
   iv. Character or traits
   v. Zygote

SS3
FIRST TERM
2019/2020 SESSION
PHYSICS
PROJECT

CHOOSE ANY ONE (1) OF THE PROJECTS

1. CONSTRUCT A SIMPLE WORKABLE TORCH (AN ARTIFICAL SOURCE OF LIGHT)

OR

2. IN AN ALBUM FORM, MAKE A WELL LABELLED DIAGRAMS OF THE HUMAN EYE AND THE FEATURES AND OPTICAL INSTRUMENTS, THEN COMPARE AND CONSTRAST BETYWEEN THE HUMAN EYE AND THE LENS CAMERA.

HOLIDAY ASSIGNMENT

1a. Illustrate using a ray diagram, how an image is formed by a convex mirror.

1b. What is an echo?

1c. A turnin fork vibrating at a frequency of512Hz is held over the top of a jar filled with water and filled with a tapo at top at the bottom. If the jar is 60cm tall and the speed of sound is 350mls, determine the possible resonance position (s) (neglect end correction).

2a. What is meant by a machine?

2b. List two examples of a simple machine

2c. Explain the statement the relocity ratio of a machine is 5.

2d. Define the efficiency of a machine.

2e. Explain why a machine can never be 100% efficient.

2f. A screw jack, 25% efficient and having a screw of pitch 0..4cm is used to raise a load through a certain height, if in the process,

the handle turns through a circle process, the handle turns through a circle of radius 40.0cm. calculate the

(i) Velocity ratio of the machine.

(ii) Mechanical advantage of the machine.

(iii) Effort required to raise a load of 100N with the aid of the machine.

(Take $\sqrt{}$ = 3.142)