

**COMMAND SCIENCE SECONDARY SCHOOL,
LAFIA, NASARAWA STATE**

TAKE HOME ASSIGNMENT FOR SS3

ENGLISH LANGUAGE

As the head boy or head girl of your school, write a speech to be delivered on the occasion of the Commander of the Nigerian Army Education Corps (NAEC), Major General Bello Alhaji Tsoho's visit to your school. (450 words).

ECONOMICS

1. Make a list of ten acronyms of international economic organizations and their meanings stating the year of formation.
2. What is the circular flow of income? Draw a diagram to illustrate it.
3. Explain the relationship amongst Saving, Investment and Consumption.
4. Differentiate between Commercialization and Privatization.

TECHNICAL DRAWING

Using the following dimensions design a completed pivot plan plane and represent it in a well build model

- i. 3 bed (400 by 3500)
- ii. WC (7500 by 2500)
- iii. Living Area (5500 by 5200)
- iv. Kitchen (4000 by 3500)
- v. Store (1750 by 2800)
- vi. Dining (5200 by 2000)
- vii. verandah

AGRICULTURAL SCIENCE

Answer two questions in all.

- 1a Define a forest.
- b. Briefly discuss factors that can make a piece of land to be converted to a forest
2. Bring two ornamental plants to be planted on the school compound.
- 3a. Define a plant disease.
- b. Discuss the concept of a diseased triangle.

CIVIC EDUCATION

1. Name all sectors from your state and their political parties
2. Discuss why political apathy is becoming the order of the day in Nigeria

CHEMISTRY

Follow the process of saponification from your notebooks and produce a bar soap with an inscription CSSSL. The color must be blue or red

Maths

Muhammad Hassan A

SS3

(1) Simplify the expression

$$(1 + \sin x)(\sec x - \tan x)$$

(2) Simplify $\frac{1 - \cos^2 \theta}{\sin \theta \cos \theta}$

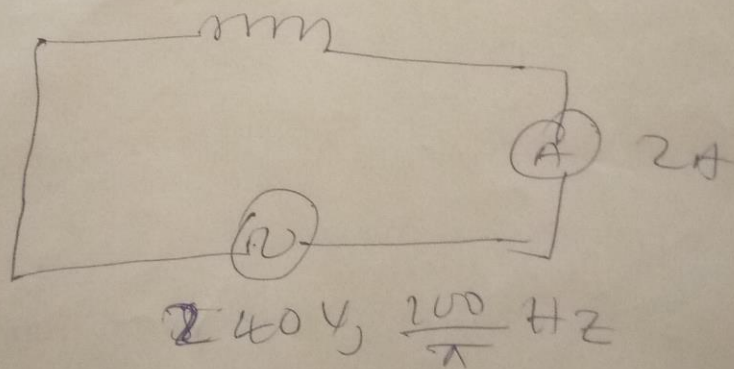
(3) Find the integral of $4\sin x + 3\cos x$ or
 $\int (4\sin x + 3\cos x) dx$

(4) Differentiate $\frac{1}{(3-x^2)^3}$ with respect to x .

TAKE Home Assignmentphysics SS 3. Suleiman
Ibrahim
Aboon!

(1) calculate the peak voltage of a mains supply of r.m.s value of 220V.

(2)



Calculate the inductance L of the coil in the circuit shown above

SS 3 Biology

HOLIDAY ASSIGNMENT

1a) Define the following terms.

- i - Genetics
- ii - Heredity.
- iii - Allele
- iv - Homozygous.
- v - Heterozygous.
- vi - Genotype
- vii - Phenotype.
- viii - Monohybrid cross
- ix - Dihybrid cross
- x - Hybrid

2a) State Mendel's first and second law of inheritance.

2b) Explain why law of Segregation is also called law of purity of gametes.

2c) Define Variation

3b) Distinguish between continuous and discontinuous variation, giving two (2) examples each.

4a) By means of crosses, determine the real father of a child if a woman with blood group A has a child with blood group AB and two men X and Y with blood group O and B respectively are claiming paternity of the child.

4b) Describe the application of Variation in

- i - Crime detection.
- ii - Blood Transfusion