

# TAKE HOME ASSIGNMENT FOR SS1.

## CHEMISTRY

Discuss in details the following;

- a. Empirical Formula
- b. Molecular Formula
- c. Molar Mass
- d. Relative Molecular Mass
- e. Percentage Composition by Mass

## PHYSICS

Find the dimensions of the following quantities;

- a. Young Modulus
- b. Impulse

Define the following;

- a. Uniform Velocity
- b. Uniform Acceleration

Show that  $P.E = MGH$ .

## FRENCH LANGUAGE.

Ecrivez vingt [20] loisirs que vous connaissez en français et dites leur sens en anglais.

[Write twenty [20] leisure activities that you know in French and write their meaning in English].

## FUTHER MATHEMATICS

### QUESTION

The senior prefect of HGAA interviewed some students on the type of music they liked listening to; 30 liked Christian music, 20 liked highlife, 20 liked hip-up. 10 liked Christian and highlife, 10 Christian and hip-up, 9 highlife and hip-up. If 3 students liked all the three music, and 32 did not like any of the three music.

1. Find the number that liked;
  - a. Christian music only
  - b. Highlife music only
  - c. Hip-up music only
  - d. The total number of students interviewed.
2. Use a Venn diagram to represent the information.

## CIVIC EDUCATION

Briefly explain the three arms of government and their functions.

## AGRICULTURAL SCIENCE

**1a.** What are the characteristics of land. **b.** List the agricultural land uses and four non-agricultural land uses.

**2a.** Define land tenure system. **b.** List six land tenure systems in Nigeria.

### **ANIMAL HUSBANDRY**

Make a laminated picture or draw and label the digestive system of ruminant animals and digestive system of non-ruminant animals.

**SS1 PINK**-Ruminant animals [cattle]

**SS1 WHITE**-Non-ruminant animals [birds].

### **GEOGRAPHY**

With the aid of annotated diagram, attempt to prove that the earth is spherical. Give at least four reasons.

What is the time in Calcutta [longitude 96 E], when it is 9; 00 am in Munich [longitude 11E].

### **ENGLISH LANGUAGE**

#### **QUESTION**

Cases of malaria have been on the increase in recent times in your country. Write a letter to the Minister of Health, discussing your observation, and suggesting at least three ways of curbing the disease.

Your answer should not be less than 450 words.

### **IGBO LANGUAGE**

Kowaa **Nkebiokwu** na **Udaolu**.

### **ECONOMICS**

Explain economics of scale or scale of production.

Discuss the types of economics of scale.

State the classification of internal economics of large-scale production.

Identify the limitations of scale of production.

### **FINANCIAL ACCOUNTING**

Explain the types of accounting concepts.