**TAKE HOME ASSIGNMENT SS 2**

**DEVOIR DES VACANCES**

 FRANCAIS

Ecrivez une letter pour demander un emploie.

**Electrical Installation / Maintenance.**

 Draw and Construct wiring diagram of a lamp controlled by a double pole switch.

**Economics**

1a) State Specific problem associated with Public Corporations.

b) Enumerate sources of finance for Public corporations.

c) Differentiate between Public Corporation public limited liability Company.

2. Define elasticity of demand and state its various types and respective formulae.

**Physics**

1. State the principle of conservation of linear momentum.
2. A ball of mass 6kg moving with a velocity of 10ms-1 collides with a 2kg ball moving in the opposite direction with a velocity of 5ms -1 After the collision the balls coalesce or stick together and move in the same direction calculate the velocity of the body,
3. (i) What is a Machine?

(ii) List seven examples of machine.

(iii) A machine with a velocity ratio of 30 moves a load of 30 00N when an effort of 200N is applied. What is the efficiency of the machine?

**Health Education**

Write on ten (10) agencies in Nigeria related to Accident and Emergency Management.

**Biology**

Describe the development of a toad from the fertilized egg to the time the young animal leaves the water to live on land.

**Mathematics:**

1. For what values of x is: $\frac{1}{x-3}<-1$? Represent on a real line
2. If x is negative, what is the range of values of x within which $\frac{x+1}{3}> \frac{1}{x+3}$