

## TAKE HOME ASSIGNMENT FOR SS3.

### CHEMISTRY

Discuss in full;

- a. Crude Oil Exploration
- b. Drilling of Crude Oil
- c. Fractional Distillation of Crude Oil
- d. Fractions of Crude Oil.

### PHYSICS

Explain Earth's Magnetic Field by using diagram.

### ECONOMICS

List the types of Economic Services provided within your locality.

State the contributions of the Service Sector to the Economic Development.

### AGRICULTURAL SCIENCE

- 1a. Describe briefly the External Features of a Tick.
- b. State three effects of Ticks on their Hosts.
- c. State four control measures of ticks in livestock production.

### ANIMAL HUSBANDRY

Draw and label any two insemination devices used in insemination and describe their uses.

### GEOGRAPHY

Explain in details why Karst Regions have very little surface drainage [A Page].

What do you understand by Artesian Well?

### IGBO LANGUAGE

Kowaa Otu Ogbo/Ebiri /Uke

### FINANCIAL ACCOUNTING

Enumerate various sources of Government Revenue.

### MATHEMATICS

Simplify the following

- a.  $\sqrt{5}/\sqrt{15} - \sqrt{10}$
- b.  $\sqrt{3} + \sqrt{5}/\sqrt{5} - 2$
- c.  $2\sqrt{5} + \sqrt{3} / 5\sqrt{3} - 3\sqrt{5}$
- d. If  $\sqrt{5} = 2.236$ , evaluate  $\sqrt{7 \times 23} - 1/8$  correct to 2 d.p
- e.  $(5 + 3\sqrt{2})(5 - 3\sqrt{2})$