**FGGC IKOT OBIO ITONG HOLIDAY ASSIGNMENT**

**CHEMISTRY SS1**

1. Draw the Carbon cycle.
2. Mention the two oxides of Carbon and State how to identify each.

**MATHEMATICS SS1**

1. A measuring cylinder of radius 3cm containing water to a height of 49cm. if the water is poured into a similar cylinder of radius 7cm, what will be the height of the water column.
2. Complete the multiplication of modulo 6 in the table bellow.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  2 |  3 |  4 |  5 |
|  2 |  |  |  |  |
|  3 |  |  |  |  |
|  4 |  |  |  |  |
|  5 |  |  |  |  |

1. The angle of elevation of the top of a radio mast from a point due east of it and 96m away from its base is 300. From another point due west of the mast, the angle of elevation of the top is 600. Calculate the distance of the second point from the base of the mast.

**CRS SS1**

1. Outline Peter’s recommendations that believers should interact with unbelievers in the society as stated in 1 Peter 2:1-25
2. State three ways by which Christians can live above reproach in the society.

**CISCO SS1**

1. The various protocols necessary to deliver a web page function at the four different levels of the TCP/IP model. Explain each of them.

**CIVIC EDUCATION SS1**

1a) Explain the term “cultism”

b) List five examples of cult groups in Nigeria.

2) State five reasons students join cultism.

3) Highlight five effects of cultism.

FINANCIAL ACCOUNTING SS1B

1. The agreement of the Trial Balance does not fore-close errors in the account.

Do you agree to this assumption?

Justify your answer with five (5) cogent reasons.

**ECONOMICS SS1**

1a) Define Agriculture and state its basic components.

b) What is usefulness of Agriculture?

2) Discuss the system of Agriculture, stating its basic features.

3) Outline the problems of Agriculture and state possible solutions to these problems.

**GEOGRAPHY SS1**

1. Draw an outline map of Nigeria. On the map, locate and name
2. The gulf of Guinea.
3. The Bight of Bonny
4. Latitude 140 N
5. Longitude 80 E and 150 E
6. The country to its Western border
7. The Federal Capital Territory.
8. Describe the size and location of Nigeria in relation to other countries of West.

**FURTHER MATHEMATICS SS1**

1. The sum to infinity of geometric series is 100. Find the first term if the common ratio is (a) ¼ (b) -1/2
2. Given that m = tan 300 and n = tan 450. Simplify without using calculator.

$$\frac{m-n}{mn}$$

Leaving your answer in the form P + $\sqrt{q}$

**CHENISTRY SS2**

Write all the known formulae used in calculations in Quantitative analysis and explain each parameter.

**DATA PROCESSING SS1**

1. Define electronic spreadsheet.
2. Briefly explain four uses of spreadsheet.

**LITERATURE IN ENGLISH SS1**

1. Buy the text (novel) “Redemption Road” By Elma Shaw
2. Identify at least ten (10) characters in the text and write short note on each character.
3. Summarize the plot.