



TAKE HOME ASSIGNMENT FOR SS 1 STUDENTS

MATHEMATICS

From your text book, Exercise 9.0 (pages 177 & 178), solve exercises 1-10

FURTHER MATHS

1. Solve for x in $3^{2x+1} + 8(3^x) - 3 = 0$
2. Simplify $(3\sqrt{7} - 2\sqrt{2})(\sqrt{2} - 2\sqrt{3})$
3. If $8 + x \geq 5$ and $3 + x \leq 5$. What range of values of x satisfies both inequalities?
4. Evaluate $\frac{3^n + 3^{n+2}}{3^{n+1} - 3^n}$
5. Without using tables rationalize $\frac{5\sqrt{3} + 4\sqrt{2}}{3\sqrt{5} + 2\sqrt{2}}$

CIVIC EDUCATION

- (a) Define human rights.
- (b) Suggest four conditions under which human rights can be violated in Nigeria.
- (c) Explain three reasons for which it is necessary to entrench citizens' rights in the Nigerian constitution.

BIOLOGY

1. List ten instruments used for the measurement of ecological factors.
2. Describe two of the instruments and how they are used.
3. Construct a sweep net.
4. With detailed explanation, how is energy lost in the ecosystem.

GOVERNMENT

Q1. Define the term separation of power

B. Explain five merits and demerits of separation of power including at least 3 countries that practices separation of power.

LITERATURE-IN-ENGLISH

Write out the recommended set books & poems and their authors for SSCE WAEC & NECO for 2026-2030.

Note: *Arrange the books and poems under African and Non-African*

CHRISTIAN RELIGIOUS STUDIES

1. Explain Paul's teaching on Forgiveness.

2. Outline the importance of forgiveness.

IGBO LANGUAGE

1. Kowaa n' ụzọ doró anya otú mmemé ndị obodo unu na-eme n' oge Ekeresimeesi.

2. Olee ihe ị ghọtara bu olundi (Dialect).

CHEMISTRY

1(a) Explain the term hydrogen bonding.

(b) With a good hydrogen bonding illustration, describe the formation of: (i) water molecule

(ii) Hydrogen fluoride molecule

(iii) Ammonia molecule

(2) Consider three elements X, Y and Z with atomic numbers 6, 9 and 20 respectively :

(a) Write the electronic configuration of the atoms of X, Y and Z in the ground state.

(b) What kind of bond is formed between:

(i) An atom of X and 4 atoms of hydrogen?

(ii) Two atoms of Y?

(iii) Two atoms of Y and an atom of Z?

(iv) Two atoms of Z?

(v) an atom of Y and an atom of hydrogen?

(3) A solid substance is heated so that it melts, what forces are overcome in the solid substance if:

(a) The solid substance is covalent?

(b) It is ionic?

PHYSICS

Using cardboard paper, construct a measuring tape of length 400cm and width 4cm. On one side of the tape calibrate in decimeters and feet, on the other side calibrate in centimeters and Inches. Note, all calibrations must be neatly done with ink

COMMERCE

1. State the functions of the whole sale to the

(a) manufacturer (b)Retailer

2. What are the advantages of large scale retailing?

AGRIC SCIENCE

1a. What is land?

b. Discuss the components of land

c. Discuss five agricultural uses of land, pointing out five ways land can appreciate in value.

GEOGRAPHY

1. Mention at least five resources found in Nigeria
2. State the importance of the resources to Nigeria

DATA PROCESSING

1. Briefly explain how Information Communication and Technology (ICT) has improved our lives.
2. Explain ICT application in everyday life