



FATHER PHILIP AGU SPIRITAN ACADEMY, AKABO



TAKE-HOME ASSIGNMENT FOR SS 2 STUDENTS, EASTER BREAK 2026

SUBJECT : AGRICULTURAL SCIENCE

- (1) What is plant disease? (b) Discuss four(4) causes of plant diseases.
- (2) Discuss five effects of crop diseases on crop production.
- b) Outline (5) economic importance of insect pests in crop production.

SUBJECT : FURTHER MATHEMATICS

- 1) If $5 \times 6 < 40$
Then, $5 + 6 < 10$, but $5 + 6 > 10$, therefore, $5 \times 6 > 40$
Verify the validity of the above statement
- 2) Find the real and imaginary parts of:
 - a) $(3+2i)/I$
 - b) $(I/2+I)^2$

SUBJECT : BIOLOGY

- 1a. Define asexual reproduction.
- 1b. Name two types of asexual reproduction which occurs in animals giving one example in each case.
- 1c. Make a large labelled diagram 8-10cm long of a the human spermatozoa to show it's structure.
- 1d. State one function each of any three organelles found in the spermatozoa.
- 2a. State four methods of controlling plant diseases.
- 2b. State six ways of improving crop production.
- 2c. Explain four ways in which modern agricultural activities may threaten the survival of species.
- 2d. List six pests of crops.
3. Explain at least four general effects of diseases on crop production

SUBJECT: CHEMISTRY

- (1) Briefly write on the following:
 - (i) Acidic Oxides
 - (ii) Basic Oxides
 - (iii) Amphoteric Oxides
 - (iv) Neutral Oxides
 - (v) Peroxides [Give their examples in each case]
- (2) Briefly describe the laboratory preparation of hydrogen from a dilute mineral acid
- (3) Describe the industrial preparation of Oxygen

SUBJECT : LITERATURE

Elma Shaw: Redemption Road

Use at least, three instances, and explain the caption of Part One: "Time Heals Nothing"

SUBJECT : MATHEMATICS

From your text book (The National Mathematics), page 332 , exercise 14.1, solve 1-10.

SUBJECT : PHYSICS

- 1: A plane progressive wave is represented by the equation $y = A \sin (1500\pi t - 0.5x)$ where the symbols have their usual meanings. Determine;
 - a) The frequency of the wave
 - b) wavelength
 - c) Speed
- 2: Using ray diagrams, show all the characteristics of images formed by convex lens at different object positions

SUBJECT: C R S

1. Write on Josiah's religious reforms (5mks)

SUBJECT: ASUSU IGBO

1. Kɔwaa ihe ndị a
 - i. Edemedede arumaruka (Argumentative essay)
 - ii. Edemedede Leta (letter writing).
2. Deputa ihe ise na- ebute ịgba ndu n'ala Igbo.

SUBJECT : DIGITAL TECHNOLOGY

1. Define a formula and a function in MS Excel.
2. List nine examples of word processing packages.

SUBJECT : ECONOMICS

- 1, Write extensively on how the national income is measured.
2. Write on fiscal policy and its objectives.

SUBJECT : CIVIC EDUCATION

1. Define traffic regulations and explain their importance.
2. Highlight five traffic rules every driver must obey.
3. Examine the duties of pedestrians in ensuring road safety.
4. Explain the importance of traffic signs and signals.
5. Suggest ways to reduce road accidents in your community.

SUBJECT : GOVERNMENT

1. Write extensively on the system of government of Hausa/Fulani, Igbo, and Yoruba in pre-colonial days

SUBJECT : ENGLISH LANGUAGE

1. What is a Complex Sentence?
2. With examples, explain the Complex Sentence Structure?