



FATHER PHILIP AGU SPIRITAN ACADEMY, AKABO



TAKE-HOME ASSIGNMENT FOR SS 1 STUDENTS, EASTER BREAK 2026

SUBJECT : AGRICULTURAL SCIENCE

- 1) Describe briefly four(4) types of individual land tenure systems.
- b) List four(4) advantages and four(4) disadvantages of the land use act.
- 2) What is rock, pointing out the three(3) forms and how each of them is formed.

SUBJECT : FURTHER MATHEMATICS

1. A vertical flagpole is observed from a point which is 6m away from the pole and 1.5m above the horizontal ground. If the angle of elevation of the top of the pole from the point of observation is 30° , what is the height of the flagpole, correct to two decimal places.
2. In a Higher School Certificate Examination, a candidate can enter for arts subjects or a combination of science and arts. If 60% of the candidates entered for science and 65% entered for arts, how many candidates entered for both science and arts subjects from a total of 1500 candidates.
3. If $\xi = \{x: 0 < x \leq 12, x \text{ is an integer}\}$
 $T = \{x: x \text{ is divisible by } 2, x \in \xi\}$
 $S = \{x: x \text{ is a prime, } x \in \xi\}$

Find : (a) $T \cap S$ (b) $T \cup S$ (c) $T' \cap S$ and (d) $T' \cup S'$

SUBJECT : BIOLOGY

1. The following are the names of some common diseases: malaria, typhoid, amoeboid dysentery, tuberculosis, tetanus, leprosy, cholera, yellow fever, poliomyelitis, measles, common cold, small pox, influenza, chicken pox, whooping cough and trypanosomiasis. In a tabular form, classify the diseases according to their causative organisms
 - A. Viral diseases
 - B. Bacterial diseases
 - C. Protozoan diseases
2. State four functions of a public health authority.
3. With the aid of a well labeled diagram explain the two major zones of the lentic aquatic habitat
 - b. Name three plants and three animals associated with each of the zones
 - c. Describe the adaptive features of the plants and animals named in (b) above.
 - d. Give an example of food chain in a fresh water habitat.
 - e. List four factors affecting fresh water habitat.

SUBJECT: CHEMISTRY

- (1) Briefly write on the methods that can be used to separate each of the following substances, mixture of:
 - (a) iodine and sodium chloride
 - (b) petrol and water
 - (c) salt and water
 - (d) chalk dust and water [include their diagrams in each case]
- (2) State Graham's law of diffusion
- (3a) Under what conditions do the behaviour of gases become:
 - (i) Ideal (ii) non-ideal
 - (b) why do gases deviate from ideality

SUBJECT : LITERATURE

Efua Sutherland: The Marriage of Anansewa

Answer these questions below:

- 1) To which genre of Literature does The Marriage of Anansewa belong?
- 2) Where is the setting of the text?
- 3) Outline any three themes of the text.
- 4) List any four major characters of the text.

SUBJECT : MATHEMATICS

1. Construct angle 90° and 45°
2. Illustrate with right angled triangles the ratios of sine, cosine and tangent
3. The angle of elevation of the top of a tower from an observer on the ground is 60° . If the tower is 40m high, how far is the observer from the foot of the tower?
4. What is the length of an arc which subtends an angle of 60° at the centre of a circle of radius $1\frac{1}{2}$ m?
5. What angle does an arc 5.5cm in length subtends at the centre of a circle of diameter 7cm.

SUBJECT : PHYSICS

- 1a. State the characteristics of electric lines of force
- 1b. What is internal resistance
- 1c. An electric appliance takes 5A when operated on 220V supply. Find the cost of operating the appliance for 18hours at 23 Kobo per kilo watt hour
2. Using a neat diagram explain the magnetization and demagnetization of magnetic materials.(electric method)

SUBJECT : C R S

1. Describe peter's teaching on Christian attitude towards persecution (5mks).

ASUSU : IGBO

1. Deputa ma kɔwaa n' uju usoro ọchịchị ọdịnaala ndị Igbo.

SUBJECT : DIGITAL TECHNOLOGY

1. What is computer operation
- b. Explain the term booting process and list and explain two types of booting
- 2a. Define spreadsheet package
- b. List 10 examples of spreadsheet packages

SUBJECT : ECONOMICS

1. Write on contributions of agriculture to economic development of Nigeria.

SUBJECT : CIVIC EDUCATION

1. Define cultism and explain its origin.
2. Discuss five causes of cultism in Nigerian schools.
3. Examine the role of parents and teachers in curbing cultism.
4. Discuss the relationship between peer pressure and cultism.
5. Explain how cultism affects academic performance.

SUBJECT : GOVERNMENT

- 1) List 10 merits of separation of powers
- 2) List 5 demerits of separation of powers
- 3) Explain 5 methods of acquiring citizenship
- 4) Explain the doctrine of check and balance

SUBJECT : ENGLISH LANGUAGE

1. Write and explain the terms "Adjunct" and "Adverbial".
2. What are the Functions of Adjuncts?