



EASTER BREAK TAKE-HOME ASSIGNMENT FOR SS 1 STUDENTS, 2025

AGRICULTURAL SCIENCE

1. Explain briefly the processes of formation and characteristics of:
 - a. Granite
 - b. Limestone
 - c. Schist
2. (a) Discuss four economic importance of rocks
 - (I) To many
 - (ii) To agriculture
- 2b. Outline two characteristics of each of the following:
 - (I) Igneous rock
 - (ii) Sedimentary rock

FURTHER MATHEMATICS

- 1) In the G.P; 3, 6, . . . 768, the 1st, 2nd, and the last term are given.
Find (i) the common ratio.
(ii) the number of terms in the G.P.
- 2) The first and last terms of an A.P. are 0 and 108. If the sum of the series is 702, find (i) the number of terms in the A.P.
(ii) The common difference between them.
- 3) The 3rd and 6th terms of a G.P. are 108 and -32 respectively. Find the sum of the first 7 terms.
- 4) A and B are two sets, the number of elements in $A \cup B$ is 49, the number in A is 22 and the number in B is 34. How many elements are in $A \cap B$?

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.

CHEMISTRY

1. Write briefly on the following separation techniques:
 - (i) Filtration
 - (ii) Distillation and fractional distillation
 - (iii) Crystallization and fractional Crystallization
 - (iv) Separating funnel
 - (v) Sublimation
 - (vi) Decantation. (Include their diagrams in each case)
- 2a. What is an acid ?
- b. State three physical properties and three chemical properties of an acid.
- 3a. State the ideal gas equation
- b. Under what condition does the behavior of gas become (i) ideal (ii) non ideal

LITERATURE IN ENGLISH

INSTRUCTION: Do the following assignment in your Literature-in-English long notebook. Study the text: Antony and Cleopatra by William Shakespeare and answer the questions therein.

1. Where is the setting(s) of this text?
2. To which genre of Literature does the text belong?
3. Is Antony and Cleopatra a tragic, comic or tragic-comic text? Defend your answer with reasons.
4. Write out the characters of the text.

MATHEMATICS

1. The 3rd term of an A.P is 12 and the 7th term is 24
 - i. Find the First term
 - ii. Find the common difference
2. Form quadratic equations with the following roots

- i. -1 and 5 ii. 3 and 4
3. Solve the following quadratic equations (a) $2X^2 - 5 - 12 = 0$
(b) $X^2 + 3x - 4 = 0$
4. Simplify the following
- i. $3\sqrt{125} - 2\sqrt{20} + 3\sqrt{80}$
- ii. $\frac{6}{\sqrt{2}}$
5. Define the set theorem
- b. Name five terms of set theorem

FINANCIAL ACCOUNT

- 1a) State the advantages of Double Entry.
- b) With the aid of diagram, explain the different classes of ledger.

PHYSICS

- 1a: A spiral spring has a length of 14cm when a force of 4N is hung on it. A force of 6N extends the spring by 4cm. Calculate the unstretched length of the spring
- 1b: Define young modulus and derive its dimension
- 2a: An electric lamp rated 220v, 60W. Calculate the energy it would consume when connected to a 220v source for one hour?
- 2b: Distinguish between the forces adhesion and cohesion with two examples of each

C R S

- 1) Describe James teaching on impartiality. (5mks)

ASUSU IGBO

1. were omumaatu abuo di mma Jiri gosiputa ihe ndi a
I Akarakpom.
ii. Akararikom.
iii. Akaraajuju.
2. kowaa usoro ochichi odinaala ndi Igbo n'oge agba ochie.

DATA PROCESSING

INSTRUCTION: *Everything should be typed and printed including your name and class. None of them should be hand written*

- 1a) Define word processing
- b) State 6 uses of a word processor.
- 2a) Write down the steps of loading and exiting of Microsoft word.
- b) Write down the steps of saving a document in MS Word.

ECONOMICS

- 1) Write on agriculture, component and system of agriculture, importance of agriculture to Economic development, challenges and prospect to Nigeria.

GEOGRAPHY

On a 2×2 cardboard paper, draw a sketch map of Nigeria.

On the map, locate and name

- i. one town in each of the six geopolitical zone
- ii. one town famous for one mineral deposit in the country
- iii. The federal capital territory

CIVIC EDUCATION

- 1. Briefly describe the historical development of cultism in Nigeria
- 2. State six reasons why students join cults
- 3. Explain four roles of orderliness in the society

ENGLISH LANGUAGE

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

GOVERNMENT

1. List and explain five types or structure and problems of Political parties
2. In Nigeria's Second Republic (1973-1983), had six recognized political parties: GNPP, NPN, UPN, NPP, PRP and NAP. In a nutshell, write on the following parties listed with the meaning of their names.
3. Juxtapose Political Parties and Pressure Groups
4. Enumerate five ways of acquiring citizenship, the qualifications and five ways of losing citizenship.
5. From a student's perspective studying government, what solution or insight can you offer on the Rivers state deteriorating/escalating crisis.