ST. PETER'S COLLEGE, GARAKU.

2023/2024 ACADEMIC SESSION: SECOND TERM TAKE HOME ASSIGNMENT

CLASS: S.S.S. 1 - INSTRUCTIONS ANSWER ALL QUESTIONS.

ENGLISH LANGUAGE

- 1. State the meaning of vowel sounds. Identify and explain the two types of vowel sounds with four sound examples each.
- 1b Explain verb with two types.
- 1c Write 3 sentences with two punctuation marks each.
- 2. Write an essay on how you spent the Christmas Holiday. (300) words
- 3. Read the passage on hidden secret on unit 5 term 2 and answer the questions (new oxford secondary English course.
- 4. Read the passage on summary on the same unit as above and summary in three words.

BIOLOGY

- 1. Define reproduction and list the two types of reproduction.
- 2. State five differences between mitosis and meiosis in a tabular form.
- 3. What are enzymes?
- 4. Write short note on five ecological concepts you know.

PHYSICS

- 1. Using diagrams describe the gold-leaf electroscope and state how it can be used to test the presence of charges.
- 2. The resistivity of a given wire of cross-sectional area 0.7mm^2 $4.8 \times 10^{-4} \text{ohm}$ 1. Explain the following with two (2) examples each; meter. calculate the resistance of a 20hm length of wire.
- 3.. a spring of force constant 950N/M. what work will be done in stretching the spring by 60mm.

LITERATURE – IN-ENGLISH

- (1) Using a diagram show us the branches of literature
- (2) Explain the following terms
- a. tone b. mood c. diction d. theme
- (3) In drama, what do we mean by the term mime?
- (4) Differentiate between character and characterization

COMMERCE

- 1.(a) Define Home Trade.
 - (b) With the aid of diagram, depict the division of Home Trade.
- 2. State three channels of distribution known to you in home trade.
- 3. State and explain 5 reasons why small-scale retailers survive despite the stiff competition of larger firms.
- 4. (a) State 5 importance of foreign trade.
 - (b) Use a diagram to depict the division in foreign trade.

ECONOMICS

- 1. (a) What is an economic system?
 - (a) State the three main economic systems and for each, highlight 5 of its features.
- 2. Write short notes on the following:
 - a. Firm (b) Plant (c) Industry.
- 3. Identify the four major types of business organizations and state five features for each.
- 4. Differentiate between business organizations and public corporations. State five differences.

COMPUTER STUDIES

- - (i) System software ii Application software
- 2. With the help of diagrams, list and explain five (5) output devices
- 3. a. Briefly explain programming language.
- b. State two (2) advantages and disadvantages over high level language
- 4. Explain the followings:
- (i)Machine language ii Low level language iii High level language

CHEMISTRY

- (1a). State Charles Law and it's connecting equation
- (1b). What pressure would be required to compress 376cm3 of hydrogen at 680mmHg to 320cm3, if temperature is kept constant.
- (1c). State Boyles law and it's connecting equation
- 1d). What is the value of -14degree Celsius in Kelvin
- (2a) A certain gas under the pressure of 2850Nm-2 has a volume of 200cm3. What will it's volume be if the pressure is changed to 180mmHg at the same temperature. (760mmHg = 1.10325x10-5 Nm-2
- (2b). State Dalton's law of partial pressure
- (2c) State the ideal gas equation and explain all the parameter..
- (3a). State five types of salts and explain three
- (3b). Define the terms Efflorescence and Deliquescent
- (3c). Define an acid and write a chemical equation for the reaction

CIVIC EDUCATION SSS1

- 1. List and explain three conditions for granting of certificate of naturalization
- 2. Define nationalism
- 3. Mention three reasons for nationalist movement in Nigeria
- 4. State four obligations/duties of citizens in Nigeria

AGRICULTURAL SCIENCE

- 1.Citing five specific examples, explain how industries depend on agriculture for their raw materials.
- 2. Discuss four biotic factors that affect agricultural production in Nigeria.
- 3.Briefly discuss the formation of metamorphic rocks.

ENTREPRENEURSHIP - ANIMAL HUSBANDRY

- 1 Explain the inspiration and expiration in breathing
- 2 List four (4) importance of respiratory system
- 3 State the functions of the nervous system
- 4 In a table present (6) differences between bones and cartilages
- 5 Draw and label the anterior and lateral view of axis vertebra

GOVERNMENT

- 1a. what is presidential system of government?
- 1b. Discuss merits/demerits of Presidential system of government

- 1c. what is parliamentary system of government?
- 1d. Discuss separation of power in presidential system of government and parliamentary system of government.
- 2a. Discuss the arm of government under the followings.
 - (i) What is legislature? State it functions
 - (ii) What is Executive? State it functions
 - (ii) What is Judiciary? State it functions
- 3a. what is representative government?
- 3b. what is political apathy?
- 3c. Explain the purpose of political participation.

FURTHER MATHEMATICS

- (a) Define a sequence (b)Define a series
- (c) Given a sequence -3, 2, 7, 12, find it's (a) 8th term (b) 90th term of the sequence

GENERAL MATHEMATICS

1. The table show the value of the function $Y = 11 - 2x - 2x^2$ for $4 \le x \le 3$

X	-4	-3	-2	-1	0	1	2	3
11	11				11	11		
-2x	8				0	-2		
-2x ²	-32				0	-2		
Y	-21				11	7		

- (a) Copy and complete the table of values for $y = 11 2x 2x^2$
- (b) Using a scale of 2cm to 1 unit on the x axis and 2cm to 5 unit on the Y axis, draw the graph of Y= 11- 2x- 2 x²
- (c) Use your graph to find
 - (i) The roots of the equation 11- $2x-2x^2 = 0$
 - (ii) The value of x for which 3- $2x 2x^2 = 0$