

HALLMARK SECONDARY SCHOOL, ONDO
FIRST TERM HOLIDAY ASSIGNMENT FOR 2022/2023 SESSION

CLASS: SSS 1

SUBJECT: ENGLISH LANGUAGE

1. Write out all the 24 rules of concord with examples
 2. List all the English Consonant sounds with five (5) examples each
 3. Write an article on the topic:
Youth Migration: causes and Effects.
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SUBJECT: HISTORY

1. Explain four causes of Slave trade
 2. Mention six effects of Slave trade on Nigeria
 3. Explain three steps to the abolishment of Slave trade
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SUBJECT: DYEING/BLEACHING

1. List 10 materials for Tie and Dye
 2. Mention 10 Tools for batik
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SUBJECT: ECONOMICS

1. What is demographic transition theory of population?
 2. Explain the three stages of demographic transition theory
 3. What do you understand by efficiency of labour? (Labour market)
 4. Discuss the factors affecting the efficiency of labour
 5. List and explain the economic potentials of the Nigerian economy
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SUBJECT: FINANCIAL ACCOUNTING

- 1a. What is Trial Balance?
- b. Explain four reasons for preparing trial balance
- c. Mention five will not disclose
- 2a. What is a ledger account?
- b. Explain three types of ledger account
- c. Complete the following:

	Account to be debited	Account to be credited
i. Sold stationary and receive cash		
ii. Paid Salaries by cheque		
iii. Rent received in cash		
iv. Bought machinery by cheque		
v. Took cash out of business for private use		

SUBJECT: GEOGRAPHY

Study these topics:

1. Mountains
2. Plateaux
3. Lowlands

Then answer these questions

1. Question 12 on page 99 of essential Geography for sss
 2. Question 11 on page 99 of essential Geography for sss
 3. Question 5 on page 102 of essential Geography for sss
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SUBJECT: CATERING CRAFT AND PRACTICES

1. List five (5) qualities of a good receptionist
 2. Write the French terms of the following
 - a. Head waiter
 - b. Station head waiter
 - c. Head chef
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SUBJECT: HOME MANAGEMENT

Explain the following cutting terms

- i. Chop
 - ii. Mince
 - iii. Cube
 - iv. Dice
 - v. Pare
 - vi. Shred
 - vii. Grate
 - viii. Slice
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SUBJECT: CIVIC EDUCATION

1. Outline Traffic Regulation you know
 2. What are the causes of inter-communal Conflicts?
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SUBJECT: GOVERNMENT

1. What are the features of Representative Government?
 2. State principles of Rule of Law
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SUBJECT: PHYSICS

1. A curve has a radius of 100m and banking angle of 33° . What is no friction speed for a car on these turn? ($g = 10\text{ms}^{-2}$)
2. A pump is used to spray water from a pool to form a fountain. Determine the minimum power of the pump if it ejects 60dm^3 per min. And the spray reaches an average vertical height of 5meters. (Assume mass of 1dm^3 of water = 1kg, $g = 10\text{ms}^{-2}$)
3. **Read up the under listed topics on THERMOMETRY**

- Definition of Heat
- Concept of Temperature
- Differences Heat and Temperature
- Thermometers
- Types of fundamental interval
- Determination of Lower and upper Fixed points
- Temperature conversions

SUBJECT: MATHEMATICS

Read these topics vigorously and answer the questions that follow

1. Quadratic equations
2. Graphs of quadratic functions
3. Logical reasoning

Answer these:

1. The table is for the relation $y = px^2 - 5x + q$

X	-3	-2	-1	0	1	2	3	4	5
Y	21	6			-12			0	13

- ai. Use the table to find the values of p and q
- ii. Copy and complete the table
- b. Using scales of 2cm to 5units on the y-axis, draw the graph of the relation for $-3 \leq x \leq 5$
- c. Use the graph to find:
 - i. y when $x = 1.8$;
 - ii. x when $y = -8$
2. Solve $4x^2 - 16x + 15 = 0$

SUBJECT: FURTHER MATHEMATICS

Read these topics vigorously and answer the questions that follow:

1. Sequences and Series
2. Linear inequalities in two variables

Answer these:

1. The sum of the first n terms of a series is given by: $S_n = 5n^2 - 2n$
 A sequence U_1, U_2, U_3, \dots is defined by $U_r = S_r - S_{r-1}$
 Express U_r in terms of r in its simplest form and show that the sequence is linear
2. Show, on a graph, the region which contains the solution of the simultaneous inequalities
 $4x - y \leq 8, 3x + 2y > 12$

SUBJECT: TECHNICAL DRAWING

Read these topics vigorously and answer the questions that follow

1. Construction of quadrilaterals
2. Construction of polygons

Answer these:

1. Construct the quadrilaterals ABCD from the following data:
The side AB is 57mm, angle ABC measures 110° , the side AD is 76mm long and the distance between A and C is 95mm. The figure is circumscribed by a circle. Measure and state the length of the side DC and also the diameter of the circumscribing circle.
2. Construct an irregular polygon from the following data: Base AB 38mm, sides BC 35mm, AE 48mm, CD 57mm, and DE 50mm long. Angles ABC 132° and BAE 100° . State the sizes of the other angles

SUBJECT: FISHERY

1. Give 3(three) Advantages and 3(three) disadvantages each of the following types of pond
 - a. Concrete pond
 - b. Earthen pond
 - c. Parallel pond
- 2a. Give the types of fish culture system we have
- b. What are the Advantages and Disadvantages of the mentioned culture system in (2a) above?
3. Briefly explain the following
 - i. Integrated fish farming
 - ii. Poly culture fish farming
 - iii. Mono sex culture
- 4a. Define Water
- b. What is water Quality?
- 5a. What is Fish Nutrition?
- b. Explain Fish Feed Formulation

SUBJECT: CHEMISTRY

1. Read the topic: Acids, Bases, and Salts in your various textbooks and online
2. Define acids, bases and salts. Give examples of each.
3. How can you differentiate between acids and bases using indicators? Give some examples of indicators.
4. What is pH? Explain the pH scale and give the pH values of some common substances.
5. What are the properties of acids and bases? How do they react with each other?
6. What is the difference between strong and weak acids and bases? Give examples of each.
7. Explain the concept of neutralization reaction. Give an example.
8. What is a salt? How is it formed?
9. What is the importance of acids, bases and salts in our daily lives?

10. What are the harmful effects of acids and bases on living organisms and the environment?
11. What are buffer solutions? How do they work?

SUBJECT: YORUBA

1. Daruko ona merin ti a ngba toju omode ni ile Yoruba laye atijo.
2. Se akosile oruko meji ti a n pe omo tuntun, ki a to soo loruko.
3. Daruko ona merin ti a le gba toju omo laye ode oni.

SUBJECT: BIOLOGY
BIOLOGY SS 1

1. Read the topic: Tissue and Supporting Systems in your various textbooks and online
2. What are the four main types of tissue found in animals? Give an example of each.
3. What is the function of epithelial tissue? Give an example of where you might find epithelial tissue in the body.
4. What is the difference between smooth muscle and skeletal muscle tissue? Where in the body would you find each type of muscle tissue?
5. What is the function of nervous tissue? Give an example of where you might find nervous tissue in the body.
6. What is the function of connective tissue? Give an example of a type of connective tissue and where you might find it in the body.
7. What is the difference between tendons and ligaments? Where in the body would you find tendons and ligaments?
8. What is the function of bone tissue? What is the name of the cells that are responsible for building and maintaining bone tissue?
9. What is the function of cartilage tissue? Give an example of where you might find cartilage tissue in the body.
10. What is the function of adipose tissue? Give an example of where you might find adipose tissue in the body.
11. What is the function of blood? What are the three main types of cells found in blood?

SUBJECT: LITERATURE – IN- ENGLISH

1. List and explain 20 literary devices in literature.
 2. List and explain 20 features of prose.
 3. List and explain 20 poetic devices in literature.
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SUBJECT: AGRICULTURAL SCIENCE

1. state five functions and maintenance practices each of the following:
 - a. tractor
 - b. bulldozer
 - c. tree puller
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SUBJECT: VISUAL ARTS

1. Discuss the importance of Nigerian contemporary art and artists using the following
 - a. Aina Onabolu
 - b. Ben Enwonwu
 - c. Bruce Onobrakpeya
 - d. Ladi Kwali
 - e. Prof. S.I. WangbojeWrite on the artists
 - i. state of origin
 - ii. Area of specialization
 - iii. One art work
 - iv. Contribution to Nigerian Art