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

**CLASS:   SSS 2**

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**LITERATURE-IN-ENGLISH**
**Non- African Prose**
**Wuthering Heights: Emily Bronte**
1.      Summarize the subject matter of the prose work
2.      Critically examine the relationship between catty and Hareton

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**SUBJECT:       HISTORY**
1a.     State five effects of the outbreak of Kiriji war
b.      State five reasons for the failure of Ibadan

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**SUBJECT:       DYEING/BLEACHING**
1.      Using poster colour makes a floral repeated pattern
        Colour-3colour
        Motif- flower
        Size- drawing Book Paper
2.      Draw and label the following
a.      Apron
b.      Eye goggles
c.      nose Mask
d.      hand Glovers (Rubber)

e.      rubber boot

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**SUBJECT:      VISUAL ART**
1.      Draw and shade
a.      A group of small trees
b.      A lantern
c.      A food flask

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**SUBJECT:      FINANCIAL ACCOUNTING**
**Read the following**
1.      Trial Balance:
i.      meaning
ii.     Importance
iii.    Preparation of trial balance
2.      Suspense Account
i.      What is suspense account?
ii.     Usefulness of suspense account
3.      Correction and types of errors

**SUBJECT:      GEOGRAPHY**
**STUDY THE FOLLOWING TOPICS.**
1.      Population of Nigeria
2.      Resources of Nigeria
**Then answer Questions**
5 and 6 on page 180 and 10 and 13 on page 189 on essential geography for SSS.

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**SUBJECT:      CATERING CRAFT AND PARCTICES**
1.      Define menu
2.      List and explain factors that affect menu planning
3.      List five types of meat cuts

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**SUBJECT:      HOME MANAGEMENT**

1.      Define food storage
2.      What is food preservation?
3.      Differentiate between food storage and food preservation
4.      State factors to consider in food purchase

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**SUBJECT:      CIVIC EDUCATION**
1.      Read HIV and AIDS
2.      State causes of HIV
3.      What are the ways HIV can be prevented?

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**SUBJECT:      GOVERNMENT**
1.      Read pre-colonial system of government

2.  Explain the organ of government in the Yoruba pre-colonial government, using Oyo kingdom
3.  Give reasons why Hausa/Fulani pre-colonial government was the must successful.

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**SUBJECT:  MATHEMATICS**
1.  A student recorded the length of pendulum bob as 2.50cm instead of 2.05cm. Calculate the student's percentage
2.  An aeroplane leaves an airport on a bearing of $070^0$ from point A and flies to point B. It then leaves point B to bearing of $300^0$. If the distance between A and B is 200km and B to C is 500km;
a.  Calculate the distance
b.  the bearing of C from A

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**SUBJECT:  ENGLISH LANGUAGE**
1.  Summary (page 129)
2.  Comprehension (page 126)
3.  Comprehension (page 174)
4.  Summary (page 183)

**SUBJECT:  FURTHER MATHEMATICS**

1.  Leave the quadratic equations in the form

$A(x + b)^2 + C$

If $3n^2 - 2n - 1 =$

$A(n + b)^2 + C$

2.  Expand $(x - ½ y)^6$

3.  If $\tan(A + B) = \dfrac{\tan A + \tan B}{1 - \tan A \tan B}$

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**SUBJECT:  YORUBA**
1.  Kinni Akanlo-ede?
2.  Se akosile Akanlo-ede mewa pelu itumo

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**SUBJECT:  BIOLOGY**
1.  Explain succinctly the types of respiratory system in living organisms
2.  State the steps that take place during inhalation\inspiration and exhalation expiration

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**SUBJECT:     CHEMISTRY**

1a.    Define the term equilibrium

b.    At equilibrium the mass of each of the reactants products remain constant. Dose it mean that the reaction has stopped? Explain

c.    Reaction between ethanoic acid and ethanol attains a stable of equilibrium in an open vessel but decomposition of calciumtrioxocarbonate (iv) dose not. Why?

2a.    Define Le-chatelier's principle

BI.    State all the factors affecting equilibrium of chemical reaction

bii.    State the condition necessary for equilibrium a reversible reaction in chemical equilibrium

c.    Define the following with examples

i.    Open system

ii.    Closed system

iii.    System

3.    Consider the reaction represented by the following equation:

$$N_{2(g)} + 3H_{2(g)} \rightleftharpoons 2NH_{3(g)} \qquad \Delta H = ve.$$

a.    State the effect of

i.    Increase in temperature

ii.    Decrease in pressure

iii.    Constant removal of Nitrogen gas on the reaction

b.    Write the equilibrium constant for the reaction

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**SUBJECT:     TECHNICAL DRAWING**

*Read the following topics vigorously*

a.    Equal areas of similar figures

b.    Tangent and tangency

*Answer these questions*

1.    A square B has sides 70mm long, and a second square B has a diagonal which is 90mm long. Geometrically find the length of the diagonal of a third square C which is equal in area to the square A plus B

2.    Given a 70mm dia- circle 64mm from a line AB, draw a 44mm dia- circle to touch the given circle and the line.

3.    Draw a common internal tangent to two circles of diameters 70mm and 60mm

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**SUBJECT:     ECONOMICS**

*Study the theory of cost and answer the following questions:*

1.    Distinguish between these pairs of cost concepts:

ai.    Fixed cost and variable costs

ii.    Red cost and money costs

iii.    Implicit cost and explicit costs

bi.    What would you recommend for a form whose average cost is greater than its pride?

ii.      Give a reason for your answer in (bi) above
2.      Differentiate between:
a.      Short-run and long-run costs
b.      Economist's and accountant's views about cost.

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**SUBJECT:      PHYSICS**
1.      Study electrostatic in details and answer the following questions
i.      Explain three ways of producing charges
ii.     With the aid if diagrams explain how gold-leaf electroscope can be charged positively by induction method
iii.    Explain lightning conductor
2.      Study Vectors clearly and answer the following questions
i.      Differentiate between scalar and vector quantities
ii.     Explain representation of Vector with a clear diagram
iii.    A body is under the action of two forces 70N and 100N. Find the resultant of the two forces if:
a.      the forces are [parallel and act in the same direction
b.      the forces are parallel and act in opposite direction
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**SUBJECT:  AGRICULTURAL SCIENCE**

1a.     what is plant disease?
b.      State two causes of diseases
c.      State five effects of diseases on crop production
d.      State three methods of controlling diseases

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**SUBJECT:      FISHERY**
1a.     what is fish harvesting?
b.      State 3 types of fish harvesting
c.      State 5 fishing gear

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**SUBJECT:      CHRISTIAN RELIGIOUS STUDIES**
1a.     Mention the seven words of Jesus on the cross
b.      Evaluate the role played by the following in the death and burial of Jesus:
i.      Simon of Cyrene
ii.     The women
i.     Joseph of Arimathea
c      Write out three differences in the resurrection account of  the synoptic gospels

**SUBJECT: COMPUTER STUDIES**
1a. Define Program Development
 b. State the steps required to write a computer program.
 c. Define system development cycle and state the stages involved.