HALLMARK SECONDARY SCHOOL ONDO END OF FIRST TERM'S HOLIDAY ASSIGNMENT FOR 2020/2021 ACADEMIC SESSION.

S.S.S. TWO

ENGLISH LANGUAGE

1a. Differentiate with copious examples finite and non – finite verbs.

b. Give TEN idioms and use them in sentences.

c. Give TEN synonyms and use them in sentences.

MATHEMATICS

1. From an observation pole close to the edge of the sea, a ship is 14km away on a bearing of 130^0. A second ship is 48km away on a bearing of 220^0. What is the distance separating the ships?

2. A cone of height 12cm has a volume of $330cm^3$. What is the volume of a cone with the same radius but of height 8cm?

3. A right – angled triangle has sides of lengths (3m – 1)cm, m cm and (3m + 1)cm. What is the value of m?

CRK

1. "This is my beloved son, with whom I am well pleased, listen to Him." What event led to this statement? Comment on the significance of this statement.

YORUBA

1. Daruko ona iran – ara – eni – lowo meje. Salaye han – ran – ninu lori marun – un

2. Daruko ona ibara – eni – soro yato si oro enu (mewaa)

GOVERNMENT

1. Read and study pre-colonial system of government.

2. Enumerate reasons why indirect rule was introduced in Nigeria.

CIVIC EDUCATION

1. Read and study fundamental human rights and its limitations.

2. What are the features of representative democracy?

CHEMISTRY

Read carefully the VOLUMETRIC ANALYSIS and answer the following questions:

1. Define the following terms and state formulae where necessary: i. volumetric analysis   ii. gravimetric analysis ii.   gravimetric analysis iii. titration iv. grind point   v.   indicator vi. litmus vii. mass concentration viii. molar concentration ix. molar solution x. standard solution

2a. Differentiate between volumetric and gravimetric analysis.

 b. State the apparatus required in acid – base titration.

 c. State the necessary precautions require in using the following apparatus: pipette, Burette, conical flask and funnel.

TECHNICAL DRAWING

Attempt the following questions:

1a. Construct a regular hexagon ABCDEF of 50mm side.

 b. Draw the diagonal AD.

 c. Find the point G on the diagonal AD such that GD equals 2/7 ths of AD.

 d. Construct a right angled triangle XYZ having XY equal to DG and YZ equal to GA, and angle XYZ 90^0. Measure and state the length of side XZ of the triangle.

2. Calculate the representative fraction (RF) if the actual length of 3m of an object is represented by a line of 15 mm length on the drawing.

FURTHER MATHEMTICS

Attempt the following questions

1.   A straight line PQ cuts the X and Y axes at m and n respectively.   if the points (-3 ,5) and B (4,7)   lie on PQ , calculate

a.   the gradient of PQ;

b.   the equation of PQ;

c.   /AB/ correct to one decimal place;

d.   the coordinates of M and N;

e.   the area of OMN , correct to the nearest whole number.

2.   PQRS is a quadrilateral, with M and N as the midpoints of SP and RQ respectively. Show that $\overrightarrow{PQ} + \overrightarrow{SR} = 2\overrightarrow{MN}$.

GEOGRAPHY

Study the following topics:

1. Geographical regions of Nigeria.

2. Vegetation and climate of Nigeria.

AGRIC. SCIENCE

Study the following topics: i. Farm Planning ii. Forest management.

PHYSICS

1. A. pole AB of length 10.0m and weight 600N has its centre of gravity 4.0m from the end A, and lies on horizontal ground. Draw a diagram to show the forces acting on the pole when the end B is lifted by a vertical force. Calculate the force required to begin to lift this end. Prove that this force applied at the B, will not be sufficient to lift the end B.

2. A uniform beam PQ of length 40m and weight 10N is supported at P and Q. It carries a load of 4N at a point 10m from P. What is the reaction at Q?

FINANCIAL ACCOUNTING

Read the following topics:

1. Trial Balance: (a) Meaning of Trial Balance, (b) Importance of Trial Balance and (c) Layout of Trial Balance

2. Balancing of Ledger accounts, Procedures for balancing the ledgers and Trial Balance and Errors.

BIOLOGY

1. Draw the map of Nigeria showing the local biomes with keys.

2. With reference to the food chain, explain the role of the following:

a. producers (green plants)

b. herbivores

c. carnivores

d. decomposers

LITERATURE-IN-ENGLISH

Read the text "A Mid-Summer Night's Dream" by William Shakespeare

Required books for second term:

a. Exam Focus in Literature-in-English (2021-2025)

b. "Invisible Man" by Ralph Ellison.