



College Of Champions

DOREGOS PRIVATE ACADEMY

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HOLIDAY ASSIGNMENT SENIOR CLASSES

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SS1

AGRICULTURAL SCIENCE.

Write short notes on the following:

- (1) Oestrus cycle
- (2) Parturition
- (3) Mating
- (4) Gestation
- (5) Lactation

BIOLOGY

1. Explain how public health is maintained in rural areas.
2. What are the functions of the:
 - a. Local Health Authorities,
 - b. World Health Organization? Example:
 - i. WHO
 - ii. UNICEF.

CHEMISTRY.

Draw the structural formula of the 1st twenty members of the alkane family.

PHYSICS

Write a comprehensive note on each of the following safety devices

- i. Fuses
- ii. Switch
- iii. Circuit breakers.

FOOD AND NUTRITION

1. What is entrepreneurship?
2. Characteristics of entrepreneurship.
3. Give advantages and disadvantages of entrepreneurship.
4. List factors contributing to the success of any entrepreneurship.
5. What is work ethics? List 5 work ethics.
6. What is good packaging? Give 6 reasons for good packaging.

7. Give 4 types of packaging.

MATHEMATICS

Essential Mathematics for SS1

Ex 13.1, Pages 173 – 175, Questions 1, 8 and 10.

FURTHER MATHEMATICS

FMP 1 by Adegoke et al

Chapter 10 Nos 8 – 21

DATA PROCESSING

1. Mention 10 Spreadsheet Packages

2. Write 10 Ms-Excel Formulas

ENGLISH LANGUAGE

Senior English Project Book 1, “Leaving home” Part 1 (page 48—49)

Reading for main points & 4. Comprehension Questions)

VISUAL ARTS

1. Make a research about a calabash tree and print out on a A3 paper.

OR

2. Make a research on the slave trade era and print out on a A3 paper.

YORUBA LANGUAGE

Se onka Yoruba lati ogorun-un de egberu-un

FRENCH

Rédaction

a. Laquelle préférez-vous: La saison sèche ou la saison des pluies?

Pourquoi? (a page)

OU

b. Racontez un accident de route que vous avez vu (a page)

c. Chercher une chanson française et écrivez les paroles.

TECHNICAL DRAWING

1. Given $r=32\text{mm}$ and $R=70\text{mm}$. Construct an Epicycloid
2. Given $r=26$, $R=65$. Construct a Hypocycloid.
3. Given diameter of circle 56mm , construct a Helix.
4. Given span and height 100mm and 70mm respectively, construct a Parabola
5. Given distance between directrix and focus 35mm , construct a Parabola.
6. Given span 100mm , height 80mm and transverse axis 80mm , construct a Hyperbola.
7. Draw a Hyperbola given focus 40mm from the directrix and locus points from focus $30, 40, 60, 80,$ and 100mm .
8. Construct the locus of a point on the circumference of a circle of diameter 47mm that rolls on a straight line inclined at 30° to the horizontal.

AGRICULTURAL SCIENCE

1. State six factors affecting demand
2. Mention four importance of the law of diminishing returns in agriculture

BIOLOGY

1. Write on the major zones of the marine habitat.
2. Explain the following;
 - a. Plankton
 - b. Nekton
 - c. Benthos
3. Draw the diagram of the different zones of a standing water habitat
4. Give examples of food chain in;
 - a. Fresh water habitat
 - b. Marine habitat
 - c. Estuarine habitat.

C. CHEMISTRY

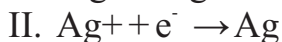
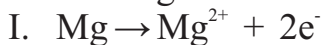
- **SS 2 SAPPHIRE AND DIAMOND:**

Draw the cell diagram of this cell notation:



- **SS 2 EMERALD:**

Draw the half-cell of the following:



VISUAL ARTS

Make a good compositional sketch of sports on your sketchpad

D. PHYSICS

All Inclusive Calculation in Physics, pages 280-283

Ex. 13, no 18-22.

LITERATURE IN ENGLISH

DRAMA AND PROSE: *Harvest of Corruption* by Frank Ogbecbe O.

Discuss the themes of the play

POETRY: “The Pulley” by George Herbert

Critically examine the view that 'The Pulley' is a sermon.

MATHEMATICS

Essential Mathematics for Secondary School by AJS

OLUWASANMI

Exercise 11.1 Nos 3, 4, 13

FURTHER MATHEMATICS

FMP 2 by Adegoke et.al

Revision Chapter 7 Nos 1 – 10 Page 148 – 149

DATA PROCESSING

1. Mention 10 Graphical Packages

ENGLISH LANGUAGE

SSS 2: Read the comprehension passage on page 335—336 (Unit Eighteen) of *GBTF SS2* by K Mebele et al and answer questions a - g on the passage

YORUBA LANGUAGE

1. Ko eya ara ifo marun-in labe: i. Afipe ii. Asunsi
2. Salaye ni soki iran kerin si kejo iwe 'Ore Mi'.

FRENCH

1. Faites la recherché sur la voix active et passive
2. Le style direct et indirect

LITERATURE IN ENGLISH

DRAMA AND PROSE

- A) Write short notes on the following characters: Kwei, Adade, Mami Broni, Odarley, Obia, Esea, Ottu, Aggie and Vickie
- B) Write the author's background of *Native Son* (Richard Wright)
- C) Study the plot and setting in *Native Son*.

POETRY: “The Proud King” by William Morris

Write notes on: 1. The author's background and 2. The background and setting of the poem.

TECHNICAL DRAWING

With the aid of well labelled diagrams, describe the following building floors:

- I) Suspended timber floor. II) Solid upper floor.

FOODS & NUTRITION

1. List and explain 10 consumer education terms.