

MATHEMATICS

1. A. Express the following numbers in standard forms:

i. 4000000

ii. 7200000

iii. 903 030

B. Express each of the following in terms of powers of 10;

I. 0.00000000000001

II. 0.0000000000000000000001

C. Evaluate

$$\frac{7 \times 10^{-8} \times 5.94 \times 10^5}{2.35 \times 10^2}$$

2. Evaluate the following:

(a) $\frac{72a^9b^8}{24a^7b^5}$

(b) $\frac{18x^8 \times [4x^8]^8}{24x^{17}}$

(c) $15x^{-3}yz^4 \div 5x^{-4}y^{-1}z^{-2}$

3. A. Find the lowest common multiples of the following

I. 28 and 40

II. 630 and 270

III. 30 and 25

B. Find the square root of the following numbers

I. -6400

II. 5184

C. Find the Highest Common Factor of the following:

I. 1305 and 5075

II. 400 and 360

III. 132 and 330

ENGLISH STUDIES

COMPREHENSION

New concept English textbook for junior secondary School 2 Page: 216

Passage: Cleaning up Nigeria's oil pollution

Question: 1-10

GRAMMAR

Change the following sentences into passive sentences

1. The girl washed the dishes
2. The students sang a song
3. The man liked the woman
4. The workers repaired the road
5. The tailor made the dress

SPEECH

1. Underline the word with a different vowel sound.
 - i. Pair fair. Clear dare
 - ii. Fuel. Soar poor door
 - iii. Rare heir snare ear
 - iv. Few lure jewel truant
 - v. Mayor chair swear spear

LITERATURE

Create a poem that rhymes about your father or mother or something that you love. Write down five figures of speech you used

BUSINESS STUDIES

1. Who is a receptionist?
- 1b. Mention four types of documents handled by a receptionist.
- 1c. Explain any two of the above document.

- 2a. State any three qualities of a receptionist.
- 2b. State any two qualities of a receptionist.

- 3a. What is office correspondence?
- 3b. What is private mail?
- 3c. Identify two ways of receiving mail into an organization.

CIVIC EDUCATION

- 1a. Define the term integrity.
 - b. List and explain **two (2)** attributes possessed by people of integrity.
 - c. Briefly explain any **two (2)** reasons why people of integrity are needed in the society.
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- 2a. What is contentment?
 - b. Highlight **four (4)** importance of contentment.
 - c. Mention any two (2) effects of lack of contentment.
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- 3a. Who is a consumer/
 - b. Explain any three (3) universal rights of consumers.
 - C. Highlight two people of integrity in Nigeria.

CHRISTIAN RELIGIOUS KNOWLEDGE

- 1a. As posited by Christ, we live in a world full of temptations. Examine five (5) ways by which Christians can overcome temptation in the society.
- 1b. As humans, we cannot but live in the company of others. As a Christian student, briefly explain any **four (4)** factors which must be put into consideration in choosing our friends.
- 1c. Chastity is one of the basic religious teachings and a highly cherished value in the African setting. As a youngster, highlight any **five (5)** consequences pre-marital sexual relationship can have on an individual, the family and society as a whole.

- 2a. Recount the birth of Jesus Christ.
- 2b. List the significance of the gifts presented to Jesus Christ during his birth.
- 2c. Succinctly discuss the annunciation of the birth of the saviour.

- 3a. Recount the temptation of Jesus Christ according to the book of Matthew.
- 3b. Write short note on Jesus' understanding of family.
- 3c. Highlight any three (3) temptations Christians are facing in Nigeria today.

HISTORY

- 1a. What do you understand by non-centralized state in pre-colonial Nigeria?
 - b. Give four (4) other names that can be used to describe non-centralized states in pre-colonial Nigeria.
 - c. Mention four (4) examples of non-centralized states in pre-colonial Nigeria.
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- 2a. Highlight any four (4) characteristics possessed by non-centralized states in pre-colonial Nigeria.
 - b. Explain the three (3) major units of government that can be found in any non-centralized state in the pre-colonial Nigeria.
 - c. State any four (4) distinctions between centralized and non-centralized states in pre-colonial Nigeria.
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- 3a. Explain the term civilization.
 - b. Mention any four (4) centres of civilization in pre-colonial Nigeria.
 - c. Identify any four (4) areas of interaction among centres of civilization in pre-colonial Nigeria.

YORUBA

1. Şàlàyé àmì ohùn èdè yorùbá
2. Fi àmì ohùn sí orí àwọn ọrọ wọnyíi
 - i. ade - crown
 - ii. ọmọde - child
 - iii. ọkọ - car
 - iv. ada - cutlass

BASIC SCIENCE

- 1a. Discuss the term "Habitat" in details.
 - b. The natural place where living organisms live are divided into various categories. Itemize and discuss all these categories.
 - c. Discuss the term "Adaptation"
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- 2a. Explain in details how plants and animals adapt to life in their habitats
 - b. What is an ecosystem
 - c. Itemize and explain the components of an ecosystem
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- 3a. What is food web?
 - b. What are chemicals?
 - c. When using chemicals, it is crucial to adhere to safety measures. Itemize any five (5) safety measures you know.

BASIC TECHNOLOGY

- 1a. Define First Aid
- b. State five items that can be found in the first aid box with their uses.
- c. Explain why first aid box should be considered a great asset in homes and schools.
- 2a. Explain rescue operation
- b. State three aspects of rescue operation.
- c. Briefly explain how a person bitten by snake can be treated before the arrival of the doctor.
- 3a. State three areas where wood can serve as useful materials and metals cannot
- 3b. Explain the two types of metals
- 3c. State the two types of plastics

PHYSICAL AND HEALTH EDUCATION

- (1)a. What is posture?
 - b. Define the word "postural defect".
 - c. Discuss three examples of postural defect.
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- (2)a. Explain the word "human trafficking".
 - b. Explain four causes of human trafficking.
 - c. Give two solutions to human trafficking.
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- (3)a. Define first aid.
 - b. List 5 contents in first aid box
 - c. Discuss two qualities of a first aider

HOME ECONOMICS

- 1a. Define family resources.
 - b. List two types of resources.
 - c. Highlight five characteristics of resources.
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- 2a. What is decision making?
 - b. Enumerate the steps in decision making.
 - c. Mention four factors influencing decision making.
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- 3a. What is household linen?
 - b. State two types of household linen.
 - c. Itemize five maintenance of household linen.

FINE ART

- 1a. What is tradition?
 - b. Highlight five importance of tradition.
 - c. State five examples of traditions in Nigeria.
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- 2a. Mention the six geopolitical zones in Nigeria
 - b. Explain custom and tradition
 - c. Explain two branches of art
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- 3a. State five art materials
 - b. Explain art tools
 - c. Who is an artist?

SOCIAL STUDIES

- 1a. Define the term integrated Social Studies.
 - b. Highlight any **three (3)** importance of Social Studies as a subject.
 - c. Write short note on the following fields of study from which Social Studies draws its content:
 - i. Agricultural Science
 - ii. Sociology
 - iii. Geography
 - iv. History
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- 2a. What is human trafficking?
 - b. Write short note on the following main agents involved in human trafficking:
 - i. The traffickers
 - ii. The trafficked person
 - iii. The end users
 - c. Briefly explain any **four (4)** causes of human trafficking.
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- 3a. Highlight any **three (3)** consequences of human trafficking as a social problem.
 - b. Explain any three (3) preventive measures that can be taken against human trafficking.

SECURITY EDUCATION

- 1a. Define Security Education.
 - b. Highlight any **three (3)** reasons why the knowledge of Security Education is important.
 - c. Who is an arsonist?
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- 2a. List and explain four elements of security education
 - b. Write short note on the characteristics of security education
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- 3a. Define crime.
 - b. With relevant examples, explain the following categories of crime:
 - i. Crime against person
 - ii. Crime against property
 - iii. Crime against humanity
 - iv. Crime against constituted authority
 - c. Briefly explain any three (3) general causes of common crimes in your society.

FRENCH LANGUAGE

1. **Faites des phrases avec 'C'est pourquoi' comme dans l'exemple.**

Eg.

La, il y a beaucoup de crocodiles. (*Il s'appelle Kadara*)

C'est pourquoi il s'appelle Kadara

Maintenant continuez:

A. Il mange tout le temps. (*Il est gros*)

B. Il étudie tout le temps. (*Il est le premier de la classe*).

C. J'aime défendre les pauvres. (*Je veux devenir avocat*).

D. Il y a beaucoup de moustiques chez nous. (*Nous avons le paludisme*).

E. Elle mange beaucoup de fruits. (*Elle est toujours en bonne sante*). _____

2. **Composez une phrase avec ces adjectifs suivants.**

i. Belle

ii. Forte

iii. Gentil

iv. Amicable

v. Courageux

ISLAMIC RELIGIOUS KNOWLEDGE

- 1a. Provide the full transliteration of Hadith 34 of An- Nawawi's collection.
- 1b. Translate the Hadith (in 1a) above.
- 1c. Highlight any five (5) lessons that can be drawn from the Hadith.
- 2a. Provide the transliteration of the first ten verses of Suratul Qalam.
- 2b. Translate the Surah (in 2a) above.
- 2c. Mention any three (3) lessons that can be drawn from the surah.
- 3a. Write a short note on the incident that led to the revelation of Suratul Qalam.

MUSIC JS2

1. Identify the following interval by

A- Letter name

B- Number

C- Number of Semitones

		○	○	○	
○	○			○	
	○	○	○		

2. Write short notes on the following;

- a) Interval
- b) Melody interval
- c) Key signature
- d) Musical form

3a Write out 5 major keys under flat series with the signature

b. Enumerate 4 characteristics of African Music

C. Highlight 4 function of African Music

AGRICULTURAL SCIENCE

1a. Define the following:

i. Weeding

ii. Thinning

1b. Briefly explain three processes involved in the production of garri.

2a. Explain the following;

i. Farm structure

ii. Farm building

2b. List four farm structures

3a. Mention four pre-planting operations

3b. Highlight two functions of carbohydrates.

INFORMATION AND COMMUNICATION TECHNOLOGY

- 1a. What is a Computer Program?
 - b. What is a Computer Software?
 - c. What is a Computer Hardware?
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- 2a. Differentiate between Computer hardware and software.
 - b. Draw the Structure of the computer software.
 - c. What is an Application Software?
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- 3a. What is a System Software?
 - b. Mention the types of System Software.
 - c. Mention the types of Application Software.