

URBAN RESEARCH TOPICS FOR SECOND TERM 2022/2023 ACADEMIC YEAR

JS1 P.H.E

List ten (10) different dances you know

JS1 C R S

Call to service

i. Meaning of service

ii. Examples of people who served in the bible, e.g-

Joseph is sold to Egypt Gen 37: 12 – 36 and Joseph's service in Egypt Gen 41: 37 – 57

The service of Ruth to her mother-in-law Ruth 1: 7 – 18

JS1 AGRICULTURAL SCIENCE

Write on the factors of agricultural production, indicating the factors involved, as well as the works of a management in not less than four pages

JS1 IGBO

a. Kowaa ihe bu Nzisa Ozi

b. Deputa uzo nzisa ozi di iche iche

ch. Deputa uzo nzisa ozi mgbe ochie

d. Gosiputa uzo nzisa ozi ugbua

e. Weputa uru izisa ozi bara

JS1 MUSIC

1. Explain the staff, names of lines and spaces on the treble and bass staff

2. How to construct the scale of C major

JS1 BUSINESS STUDIES

1a. Explain the meaning of occupation

b. In details, Explain division of occupation

c. Explain the factors that affects occupation

JS1 BASIC TECHNOLOGY

1. Draw, Explain types of planes and its uses in woodwork workshop

2a. Draw a ratchet brace and name its parts

b. State its uses in woodwork workshop

3. Explain the followings with drawing (a) French curve (b) Tee square (c) Compasses (d) Protractor

JS1 SOCIAL STUDIES

1. Explain the meaning of culture

2. Identify and explain the features of culture

JS1 HISTORY

The Nok Culture and Ile-Ife Culture

JS1 CCA

Discuss the meaning of fake and adulterated goods and how best to stop production and distribution of fake and adulterated goods

JS1 FRENCH

1. Using the internet make a list of 15 things one could see in a big school like Urban

2. List 10 things one could see in the house All in English and French

JS1 BASIC SCIENCE

1. What is matter?
2. Copy and complete the below diagram of matters

3. Write short notes on this followings: (i) Solar Energy (ii) Mechanical Energy (iii) Potential Energy (iv) Kinetic Energy

JS1 ENGLISH LANGUAGE

In only one page of your foolscap sheet summarize the story in Mature Minor

JS1 LATIN

Write the Ordinal numbers in Latin from 1 to 20

JS1 COMPUTER

Write on electronics counting devices and modern computer

JS1 MATHEMATICS

1. Use the number line to simplify $-4 + 9 - 7$
2. Factorize $a - 2b + 4a + 3c + 5b - 4a$

JS1 CAT

Find out the name of the church you attend at home, the date it was founded, the name of the first priest (Pastor) and the present priest (Pastor)

JS1 CIVIC EDUCATION

1. What is cooperation?
2. List four attributes of cooperation
3. List the factors that promotes cooperation
4. What is self-reliance

JS2 RESEARCH TOPICS FOR SECOND TERM 2022/2023 ACADEMIC YEAR

JS2 P.H.E

Draw and label correctly the circulatory system

JS2 C R S

A. Miracles of Jesus

- i. meaning of miracle (ii) nature miracles of Jesus e.g – Turning water into wine Jn 2: 1 – 11
- calming the storm Mtt 8: 23 – 27; Mk 4: 35 – 41
- Feeding of the 5000 Mtt 14: 13 – 21, Mk 6: 30 – 44, Lk 9: 10 – 17
- Feeding of the 4000 Mk 8: 1 – 6
- Walking on the water Mtt 14: 22 – 23, Mk 6: 45 – 52

B. Healing Miracles of Jesus

- i. The centurion's servant. Mtt 8: 5 – 13, Lk 7: 1 – 10
- ii. The Paralytic Mtt9: 1 – 8, Mk 2: 1 – 12
- iii. The Gerasene demoniac Mk 5: 1 – 20

C. Jesus' Power over death

- i. Raising of the widow's son at Nain Lk 7: 11 – 17
- ii. Raising of Lazarus Jn 11; 1 – 45

JS2 MATHEMATICS

1. Simplify $\frac{(a + 2b)}{5} - \frac{(2a - 3b)}{15}$ as far as possible
2. Solve $-2x + 4 \geq 6$ and show the solution on a graph

JS2 AGRICULTURAL SCIENCE

In not less than four pages write on fishery

JS2 IGBO

- a. Kowaa ihe ubiam na aguu putara
- b. Deputa ihe na-ebute ubiam na aguu
- ch. Gosiputa uzo di iche iche esi egbochi ma kpochapu ubiam na aguu

JS2 MUSIC

1. Write the solfa note for the Nigeria National Anthem
2. Draw out the heaatonic scale, hexatonic scale and pentatonic scale

JS2 BUSINESS STUDIES

- 1a. Who is a consumer
- b. Explain the eight universal consumer right
- c. In details, Explain consumer responsibilities

JS2 BASIC TECHNOLOGY

- 1a. Explain forging with its types and operations
- b. State the seven common types of long with drawing and uses
- c. State its safety measures
- 2a. Mention and draw types of stakes in metal workshop
- b. State their uses

JS2 SOCIAL STUDIES

1. Explain the meaning of family bond and cohesion
2. Mention and explain at least three importance of good family reputation

JS2 HISTORY

Relationships between peoples from different centers of civilization in pre-colonial Nigeria

JS2 CCA

Write on the topic rehearsal

Definition of rehearsal

Activities involved in rehearsal

Stages of rehearsal

Importance of rehearsal

JS2 BASIC SCIENCE

1. Define the followings: (i) Work (ii) Energy (iii) Power

2. What is the meaning of potential energy kinetic

3. Calculate the potential energy of a 15kg bunch of palm fruit hanging on the palm tree that is 20m high ($g=10\text{m/s}^2$)

4. Name three (3) factors that affect the rate of evaporation

JS2 FRENCH

1. Make a list of 15 things one could see in by cities like Abuja all in English and French

2. List 10 domestic animals and 10 wild animals in French with their English meanings

JS2 ENGLISH LANGUAGE

In not more than two (2) pages of your foolscap sheet summarize the drama: Mortal Intention.

JS2 LATIN

Write 20 vocabularies of the 1st declension noun (femine gender) and their English equivalents

JS2 COMPUTER

Write on programme language

JS2 CAT

Find out the name of the church you attend at home, the date it was founded, the name of the first priest (Pastor) and the present priest (Pastor)

JS2 CIVIC EDUCATION

1. What is rule of law?

2. List and explain the factors that ensures the enforcement of rule of law

JS3 RESEARCH TOPICS FOR SECOND TERM 2022/2023 ACADEMIC YEAR

JS3 P.H.E

What is martial arts

Discuss 5 martial arts sports you know

JS3 C R S

Conversion of Cornelius

Peter converts Cornelius Acts 10: 1 – 48, 12: 1 – 24

The significance of the Conversion of Cornelius

Peter's Divine Release and Death

Peter's Divine Release and death Herod Acts 12; 1 – 24 of Herod

The Ministry of Apostle Paul

Paul's Nativity and Education Acts 22: 1 – 5, 26 – 30,

Paul's former name, Nationality and Religion.

JS3 AGRICULTURAL SCIENCE

In not less than four pages write on the factors that influence child development

JS3 IGBO

a. Kowa ihe bu Mpu n'ule

b. Deputa ihe ndi na-ebute mpu n'ule

ch. Gosiputa iwu megidere mpu n'ule

d. Deputa Oghom mpu n'ule

e. Deputa uzo di iche iche aga-esi kwusi mpu n'ule

JS3 MUSIC

Explain 4 historical periods in music

JS3 BUSINESS STUDIES

1a. Explain Business Goal with environment scan

b. With the aid of a diagram identify S.W.O.T in business.

JS3 BASIC TECHNOLOGY

1a. Explain in detail solder and soldering and its material combination

b. State its melting points

c. Draw and name the parts of a soldering bit with reasons

2. Two resistance 30hms and 5 0hms are connected in series to a potential difference of 240 volts. With diagram, state the current passing through the circuit

3a. Explain drills and drilling machine

b. Mention the types used in metal work workshop

c. Draw a twist drill and name its parts.

JS3 SOCIAL STUDIES

1. Explain the meaning of conflict management and resolution

2. Describe non-violent methods of resolving conflicts

JS3 HISTORY

Author Biography of Europeans formally known as Protugues explorer and their discoveries

JS3 CCA

Discuss the meaning of unity and disunity

Explain the elements of unity and state the causes of disunity in the home, school and the society

JS3 FRENCH

1. Write twenty adjectives in French with their English meanings ex. Bean – handsome

2. List twenty daily verbs in French with their English meanings ex: manger – To eat

JS3 BASIC SCIENCE

1. Highlight three (3) effects of drug abuse
2. Mention four (4) resources from living thing (plants and animals)
3. Draw and label the structure of rainbow
4. What is reflection and vision

JS3 ENGLISH LANGUAGE

Review and summarize the book “Integrity Campaign by Evaristus Eshiwu

Note: The book “Integrity Campaign” is available in school

JS3 COMPUTER

Write on MS Access

JS3 CIVIC EDUCATION

1. What is right attitude to work?
2. List out the attitudes of right attitudes to work
3. Outline the various factors that promote positive behavioural changes

SS1 RESEARCH TOPICS FOR SECOND TERM 2022/2023 ACADEMIC YEAR

SS1 IGBO

1. Dee gbasara nkebiahiriokwu
 - a. Ihe nkebiahiriokwu putara
 - b. Nkenudi nkebiahiriokwu na omumaatu
2. Deekwa ihe gbasara ezinaulo
 - a. Ihe ezinaulo putara
 - b. Udi ezinaulo e nwere n'ala Igbo na nkowa ha
 - ch. Deputa oru diri nne, nna na umu ha n'ezinaulo

SS1 CIVIC EDUCATION

1. Examine the arms of government
The Executive, the Legislature and judiciary
2. Examine Nationalist
Roles of African Nationalists
List major local and world civic problems

SS1 C R S

1. Write out the books of the bible and their authors
2. How many chapters and verses makes -up the bible
3. Longest name in the bible
4. Smallest book
5. Shortest verses

SS1 ECONOMICS

Briefly discuss division of labour and specialization
Its advantages / disadvantages and factors that limit the extent of division of labour

SS1 LIT-IN-ENGLISH

Write the meaning of the following and explain them
(1) Metaphor (2) Epithet (3) Irony (4) Paradox (5) Personification

SS1 AGRICULTURAL SCIENCE

Topic: Agricultural Ecology
Content: Meaning of Agricultural Ecology and ecosystem
Components of farm ecosystem
Interactions components in the terrestrial and a anatic agro ecosystem

SS1 CHEMISTRY

1. Mixture and compounds
2. Filtration and evaporation
3. Decantation and floatation
4. Frostation and crystallization
5. Precipitation and fractional crystallization

SS1 GOVERNMENT

TOPIC: Legitimacy
Content:
(a) Definition of legitimacy (b) Factors that help to sustain or determine legitimacy in a state (c) basic features of a legitimate government (d) Advantages of running a legitimate government

SS1 COMPUTER

1. Write on M.S Excel
2. Draw the background of the insert menu of M.S Excel

SS1 ENGLISH LANGUAGE

Write extensively on the various tenses in English Language

SS1 LATIN

Eidibus Martiis is very renowned during the Roman Empire and even now.
Write the historical background and narrative surrounding Eidibus Martiis.

SS1 PHYSICS

1. Describe an experiment to determine the coefficient of static friction between two surfaces
 - i. State two advantage of friction
 - ii. Two disadvantages of friction
 - iii. Two methods of reducing friction
- 2ai. State the law of the conservation of mechanical energy. How is the law illustrated by:
 - i. The swing of a simple pendulum
 - iii. The energy of a falling orange

SS1 FURTHER/MATHS

Find the values of each of the following

- (a) $4 - \frac{3}{2}$ (b) $64 \frac{2}{3}$
(c) $(0.001)^3$ (d) 14^0

SS1 BIOLOGY

Topic: Some properties and functions of the cell
Subtopic: Cellular respiration
Definition of cellular respiration
Types of cellular respiration
Energy released during cellular respiration
Anabolism, usefulness of food

SS1 CAT

Find out the name of the church you attend at home, the date it was founded, the name of the first priest (Pastor) and the present priest (Pastor)

SS1GEOGRAPHY

Buy Macmillan Nigeria Secondary Atlas

SS2 RESEARCH TOPICS FOR SECOND TERM 2022/2023 ACADEMIC YEAR

SS2 IGBO

1. Dee ihe gbasara oru ma o bu odide NA, GA, KA, MA na omumaatu ha n' otu n'otu
2. Dee ihe niile i mara gbasara otu Ogbo
 - a. Ihe otu ogbo bu
 - b. Uzu nliwe ha
 - ch. Ndi kwesiri ino n'oto ogbo
 - d. Oru ha n'obodo

SS2 CIVIC EDUCATION

1. Human Rights – Meaning, Limitations, Conditions necessary for protection of human rights
2. Drugs, Drug Abuse forms of drugs that can be abused. Types of drugs that can be abused and ways of abusing them, causes by drug abused.

SS2 C R S

- How many words and letters makes up the bible
2. Number of books
 3. What are the number of promises given in the bible?
 4. Longest verse
 5. Books of the bible and authors

SS2 ENGLISH LANGUAGE

Instruction: Explain in detail in good English Language with concrete examples on summary writing

- a. What is summary?
- b. These four (4) main things are what students have to note in order to write good summary
 - i. Brevity
 - ii. Relevance
 - iii. Proper coverage of the passage
 - iv. Clarityexplain them separately in a note form
- c. Write short notes on how one can put down summary answers under these headings:
 - i. Write in sentences
 - ii. Short and concise answers
 - iii. Use your own words
 - iv. Use good grammar

SS2 ECONOMICS

- i. Define the production possibility curve (PPC) and show how to draw the curve/graph from the data as show below

Production possibility table for the production of cattle and motor vehicles by South Africa

Possible combination	Heads of cattle	No of motor vehicles
A	200	0
B	170	30
C	100	70
D	80	130
E	40	150
F	0	180

- ii. Explain the relationship between the curve and concept of opportunity costs
- iii. Define the concepts of total, average and marginal productivity, determine the values when the given output data, use such data to derive the curves

SS2 AGRICULTURAL SCIENCE

Topic: Floriculture (ornamental plants)

Content: Meaning of ornamental plants

Importance of benefits of ornamental plants

Types of ornamental plants with examples

Mention some ornamental trees, ornamental shrubs and some ornamental flowers with their botanical names

Mention the maintenance practices of horticulture plants or flowers.

SS2 GOVERNMENT

Topic: Leadership and followership

Contents: (a) Definition / explanation of a leader and a follower (b) Qualities of a good leader and follower (c) Why most present leaders are unpopular (d) Benefits of good leadership

SS2 COMPUTER

1. Write on maintenance of computer
2. Write on Word processing

SS2 PHYSICS

- 1a. Give reason why ship floats on water
 - b. Give the reason why the horizontal component of the velocity of a projectile remains the same at every point of its flight
- 2a. A plank AB 3.0m long weighing 20kg and with its center of gravity 2.0m from the end A carries a load of mass 10kg at the end A. It rests on two supports at C and D as shown

Compute the values of the reaction forces R_1 and R_2 at C and D

SS2 MATHEMATICS

1. The radius of a circle is 10cm the length of a chord of the circle is 16cm calculate the distance of the chord from the center of the circle
2. The tree is on a bearing $S 35^\circ W$ from a point X and $S 78^\circ E$ from a point Y. If X is 200m due east of Y calculate the distance of the tree from Y to the nearest meter

SS2 FURTHER / MATHS

Given that $\sin \theta = \frac{5}{15}$ and θ is acute find (a) $\cos \theta$ (b) $\tan \theta$ (c) $\sec \theta$ (d) $\operatorname{cosec} \theta$ (e) $\cot \theta$

SS2 BIOLOGY

Topic: Relevance of biology to agriculture

Content: Pests and diseases of agricultural importance

Knowledge of pests (types, life cycles and control)

Diseases (types and control)

SS2 LIT-IN-ENGLISH

1. Write on the roles and significance of the major characters in the work --- Wuthering Height
2. Bring out the theme, structures and languages used in the writing of the work ---- Wuthering Height

SS2 CHEMISTRY

Heavy and fine chemicals

Definitions, examples, differences between them

SS2 GEOGRAPHY

Study the page of the Atlas that corresponds with your first term examination number and prepare for your defense

SS3 RESEARCH TOPICS FOR SECOND TERM 2022/2023 ACADEMIC YEAR

SS3 IGBO

1. Dee ihe gbasara nzikorita ozi keteknoloji
 - a. Ihe bu nzikorita ozi keteknoloji?
 - b. Uzi di iche iche esi ezikorita ozi keteknoloji?
- Ch. Oghom di na nzikorita ozi keteknoloji
- d. Nzikorita ozi website Igbo na intanet
2. Dee ihe gbasara ogbanje na ilo uwa
 - a. Ihe ogbanje na ilo uwa putara
 - b. Njirimara ilo uwa
 - ch. Okwukwe ndi mmadu gbasara ogbanje na ilo uwa

SS3 CIVIC EDUCATION

1. Rule of law, its importance and process, problems of rule of law
2. Meaning and types of constitutional Democracy, features of constitutional democracy.

SS3 C R S

Make an indepth research in line with the bible quotation on the following topics:

1. Dignity of labour
2. Resurrection
3. Effective prayers

SS3 AGRICULTURAL SCIENCE

1. Write on the following farming practices; stating their merits and demerits (a) Bush burning (b) Organic manuring (c) Crop rotation (d) Fertilizer application (e) Over grazing (f) Continuous cropping
- 2a. Explain the meaning of each of the following terms in relation to agricultural practices (i) Appreciation (ii) Depreciation (iii) Salvage value
- b. A fiat tractor was purchased by a farmer in 2012 for N120, 000.00, in 2022, the tractor was sold off for N30,000.00 when it was no longer economical to maintain
Calculate: (i) salvage value of the tractor (ii) total depreciation (iii) annual depreciation (iv) appreciation

SS3 ENGLISH LANGAUGE

Write on all the topics: (Comprehension)

1. What is a topic sentence?
2. How do we identify topic sentence in a given passage?
3. Read the passage titled "Uduefe The Rubber Thief" an page 103 of SS two concept, use it to answer the above questions

ESSAY

1. Write a letter to the EEDC manager of your town expressing your dissatisfaction with the operations of the EEDC, and suggesting three ways of improving services

SUMMARY

1. What is summary?
2. How can one write a good summary?
3. Write out seven causes of loss of marks in summary writing and explain with short notes.

SS3 GOVERNMENT

Topic: Constitutional Development in Nigeria – The Clifford Constitution of 1922 in Nigeria

Contents: (a) Historical background of the constitution (b) Main features of the constitution (c) Merits and demerits of Clifford constitution (d) How the constitution was significant to Nigeria

SS3 ECONOMICS

- (a) Briefly Discuss the factors that accounted for the rapid Development of the South East Asia
- (b) What are that lessons of the economics development of the South East Asia to Nigeria Economy

SS3 COMPUTER

1. Write on M.S Access
2. Draw the background of M.S Access

SS3 PHYSICS

1. The equation $J = 5 \sin (3x - 4t)$ where J is in millimeters x is in meters and t is in seconds, represents a wave motion determine the
 - i. Frequency (ii) Period (iii) Speed of the wave
2. State two conditions necessary for
 - i. Total internal reflection of a wave to occur (ii) Interference wave patterns to be formed

SS3 BIOLOGY

Topic: Sense organ

1. The ear: Structure of the ear and part played by the various parts
2. Organ of sight (i) The eye and its various parts (ii) Functions of the eye and part played by light, image formation and accommodation (iii) eye defects

SS3 LIT-IN-ENGLISH

1. Carefully trace the issues in the work --- Invisible Man and how were these issues resolved through the thematic presentation of the work
2. Examine the themes raised in the poem – BAT and further discuss the dictions in use in the poem.

SS3 CHEMISTRY

Rate of reactions and factors which affect the rate

SS3 GEOGRAPHY

Buy a Geographical Globe study it and prepare for your defense