

SECOND TERM RESEARCH QUESTIONS FOR JSS 1

C.R.S: Topic: Call to Service Gen 37:12 – 36, Gen 41:37 – 57,
Lessons from the service of Joseph and Ruth 1 Peter 2:8 – 25

HISTORY: In the olden days, folktales was a recreational activities between children and the elderly one's; visit any one man/woman in your community or village to tell you a story that is targeted a folktale. Write at least not less than seven (7) pages.

BUSINESS STUDIES: 1. List and explain four factors of Productions
2. Identify the three types of labour and also explain each of them.

PREVOCATIONAL STUDIES: 1. in a tabular form, list out 30 common weeds showing the Botanical names and common names.

2. State 7 characteristics of weed

3. Explain the following method of weed control

i. chemical method ii. Biological method iii. Cultural /mechanical method

NOTE: Use your Textbook, not Phone.

COMPUTER:

1. Application of ICT in everyday life

2. Fundamental Computer Operations

BASIC TECHNOLOGY: 1. Calculate the moisture constants of a timber when the wet weight of sample piece is 23gms. And dry weight is 20gms.

1b. list five Nigeria Hard wood

2. On a drawing sheet draw the border lines and a title block with the following information a. Your name
b. school c. scale and date

3. Construct a circle of a radius 40mm with a pair of compasses and divide it into eight parts.

b. construct angle 60° , 75° , 120° , 45° .

MATHEMATICS:

Make a diagram on the followings: Rectangle, Square, Triangles and circles.

(a) Write out the properties of each of them

(b) Write out the perimeters and the area of each of them with a good illustration.

CHINESE:

1. In tabular form (Word in English, Pinyin, Character), study and write 20 Chinese nouns in your note.

2. In tabular form (Word in English, Pinyin, Character), study and write 20 Chinese verbs in your note.

3. In tabular form (Word in English, Pinyin, Character), study and write 20 Chinese adjectives in your note.

GERMAN: Konjuation (separable verben and inseparable verben)

IGBO LANGUAGE: 1. Gini bu Nzisa Ozi

2. Deputa udi Nzisa ozi ndi enwere n'Igbo
3. Deputa Nzisa ozi nke Ugbu a na Uju
4. Depua Nzisa ozi nke odinaala na uju.

SOCIAL STUDIES: 1. State the meaning of Culture

2. Explain the Components of Culture and give examples
3. Identify the differences among the cultural ethnic groups in Nigeria.

BASIC SCIENCE: 1. what is Matter?

2. Use diagram to illustrate the three 3 state of matters
2. Outline eight 8 characteristics of living thing and explain 3.
3. Write short notes on this following source of energy i. solar energy ii. Mechanical energy iii. Potential energy iv. Kinetic.

CIVIC EDUCATION: 1. explain the meaning of Co-operation and state its importance.

2. Define self- reliance and outline the attributes of self- reliance
3. What is Talent?

FRENCH: Using the Internet

1. List any 20 daily verbs in French with their English meanings Example: Manger – To eat
2. List ten objects one could see in the Parlour

C.C.A/MUSIC: 1. provide these materials/tools for Tie and Dye and allow the process and preparation of Dying the Fabric. You are to submit your work in person

Material/Tools:

- i. Fabric/cloth (100% cotton) white handkerchief ii. Twine or Raffia (rope) iii. Dye (colour) of different colour iv. Chemical (caustic soda, sodium hydrosulphate) v. 1 packet of salt
2. Draw a treble staff and fix the alphabet in the lines and spaces
3. Draw a bass staff and fix the alphabet in the lines and spaces
4. Fill in the missing diagram in the notes with shapes Rest and America nouns below

CATECHISM:

1. What are the chief sufferings of Christ?
2. What do you mean by mystery?
3. Is there any likeness to the blessed trinity in your soul?
4. What is the third article of the creed?
5. Why were the souls of the just detained in limbo?

ENGLISH LANGUAGE:

In two pages of your foolscap sheet narrate the reason why Akeem Ajibade entitled his drama the thinking head.

P.H.E: Lists some Nigerian dances especially Igbo, Hausa Yoruba

SECOND TERM RESEARCH QUESTIONS FOR JSS 2

C.R.S:

1. The Miracles of Jesus : Mtt: 14: 22 – 23, Mk 6:45 – 52, Mtt 8:5 – 23, Lk 7:1 -10, Mtt 9:1 – 8, Mk 5:1 - 12, Mk 5:1 -20.

HISTORY: They Origin of man is Verse and no one can give accurate account on how man was formed and how he started the journey of his life; but with the help of science we can lay hands on some facts today. With the use of YouTube search. “The very First man in the world”. Write at least not less than seven (7) pages.

BUSINESS STUDIES: 1. what is Insurance

2. List and explain 3 services provided by insurance company

3. Define an Entrepreneur 3b. List and explain 3 personal qualities of an Entrepreneur

PREVOCATIONAL STUDIES: 1. explain the following terms and give three examples of each

i. Disease ii. Pests’ iii. Parasite iv. Pathogens v. Vectors.

2. Explain the following diseases and give two examples i. Bacteria diseases ii. Fungal diseases iii. Viral diseases iv. Protozoan diseases

3. Explain 8 methods of control and prevention of Farm Animal Diseases

NOTE: Use your Textbook, not Phone.

COMPUTER:

1. Graphic Packages

2. Pant Environment

BASIC TECHNOLOGY: 1. Define Polygon

b. mention two major types, using your drawing instrument construct the following and its name

I 5 sides ii. 6 sides iii. 7 sides iv. 8 sides.

2. Explain transformer and types

b. the primary voltage of a transformer is 100v and the primary winding is 40 turns. If the secondary winding is 800 turns. Fine the secondary voltage.

3. Explain tongs

b. Draw types of tongs and its uses

c. using ruler and a pair of compasses only, construct a square with side AB = 800mm Scale (1:10)

MATHEMATICS:

Make note on angle of elevation and depression with a good illustration (show diagram and calculations).

CHINESE:

1. In your note, extensively explain the culture of giving gifts in China.

2. Express the meaning and difference between 还是 (hái shì) 或者 (huò zhe)

GERMAN: Artikel (only nominativ und Akkusativ)

IGBO LANGUAGE: 1. Kowa Ahumaatu okwu putara n'uju

2. Deputa udi atumaatuokwu iri ma kowa ha n'otu n'otu.

3. Weputa Omumaatu ha n'otu n'otu.

SOCIAL STUDIES: 1. Explain the meaning of Drug abuse

2. Discuss the kinds of drugs

3. State five forms of drug abuse

4. State 4 effects of drug abuse on the individual and nation.

BASIC SCIENCE: 1. Write short notes on this following i. work ii. Energy iii. Power iv. Potential energy v. kinetic energy

2. Calculate the Kinetic energy of a boy who's mass is 40kg running with an average speed of 10m/s.

3. Difference and similarities between boiling and evaporation

4. Name 3 factors that effects rate of evaporation

CIVIC EDUCATION: 1. Discuss the Rule of Law?

2. Explain the following i. Exclusive list ii. Concurrent list and residual list

3. What are the punishments for breaking the law?

FRENCH: 1. List any 15 domestic animals in French with their English Meaning

2. List ten 10 verb ending with ER in French with their English meaning

C.C.A/MUSIC:

1. Produce a colour wheel with a while a cardboard paper have these colours in it primary colour secondary colour, intermediate colour and Tertiary colour. Also indicate each name of colours.

2. Explain pentatonic scale Aeptatonic scale and Hexatonic scale with the staff

3. Write short note on cadence with the tupes.

CATECHISM:

1. Why does the church show great devotion to the blessed virgin?
2. Is the assumption of the blessed virgin an article of faith?
3. In a chronological order, write the Ten Commandments?
4. What are the sins against forth?
5. What is charity?

ENGLISH LANGUAGE:

Sacrilege by Adetutu Adeyeye:

Question: Justify the title of the play with the story of King Adelegan

P.H.E:

List 10 Nigeria sport Hero and 10 Nigeria sports Heroines

SECOND TERM RESEARCH QUESTIONS FOR JSS 3

C.R.S: Write on the Peter's Divine release and death of Herod Acts 12:1 – 24.

Ministry of Apostle Paul Acts 22:1 -5, 26 – 30.

BUSINESS STUDIES: 1. Write short note on Standards Organization of Nigeria (SON).

2. What is making a Complaint?

PREVOCATIONAL STUDIES: 1. Explain the following terms

i. source document ii. Sales invoice iii. Purchase invoice iv. Return inwards v. Returns outwards vii. Journal vii. Sale journal viii. Purchase journal.

2. Give illustration of; a. Sales Journal b. Purchases Journal

3. What is the meaning of stock exchange?

3b. Describe the following people in stock exchange.

i. Buyers ii. Seller's iii. Buyers and sellers iv. Farmer's agents v. stock brokers or representatives

4. State 8 importance of stock exchange in Agriculture.

NOTE: Use your Textbook, not Phone.

COMPUTER:

1. Internet

2. Digital divide

3. Database

4. Spreadsheet packages

IGBO LANGUAGE:

1. Kwuo okwa ndi nwaanyi nwere ike iputa n'ochichi obodo

2. Deputa uzo ole e nwere ike isi nye nwaanyi nkwaado

3. Guputa aha umunwaanyi ise new tarala ezigbo onodu n'ochichi.

BASIC TECHNOLOGY:

An Isometric Block with front elevation in the direction of Arrow T

Draw to full scale, the following views showing the major dimensions in (mm)

i. produce the solid object ii. Front elevation iii. Plan iv. End elevation

2. Visit a sheet Metal workshop in your area to observe and explain stiffening edge stiffening mention types, purposes,

b. sketch the diagrams of stiffening

3. Define the term Electric Circuit

b. list three uses of electric circuit breaker

c. name the parts labeled V-Z in the circuit diagram below.

CHINESE:

1. In your note, extensively explain the culture of giving gifts in China.

2. Express the meaning and difference between 还是 (hái shì) 或者 (huò zhe).

GERMAN: (Unregelmäßig Verben) and how to conjugate them with sentences examples

SOCIAL STUDIES: 1. Explain the meaning of harmful traditional practices

2. List and describes the different types of harmful traditional practices

3. Suggest measures to prevent and stop harmful traditional practices

MATHEMATICS:

1. Solve graphically the following pairs of equation

(a) $x + y = 3$ (1)

$3x - y = 7$ (2)

(b) $x - y = 1$ (1)

$X + 2y = 7$ (2)

2. Solve the following pairs of equation by substitution method.

a. $a - 2b = 9$ 1

$2a + 3b = 4$ 2

b. $5m - 2n = 4$ 1

$m - 4n = -1$ 2

3. Solve the following pairs of equation by elimination method

a. $5a - 2b = 14$ (1),

$2a + 2b = 14$ (2)

b. $8y + 4z = 7$ (1)

$6y - 8z = 41$ (2)

BASIC SCIENCE: 1. What is Drug abuse

2. Name 4 four activities of drug control agencies on NAFDAC/NDLEA

3. What is Dispersion and Rainbow?

4. Draw the diagram of rainbow

5. Use diagram to illustrate the resources from living things

CIVIC EDUCATION: 1. Explain the meaning of Work and Right Attitude to Work

2. What are the effects of Negative Behaviour on the society?

3. Define Servicem

FRENCH: 1. List any 20 Professions in French with their English meaning

2. List 10 things one could see in a big city

C.C.A/MUSIC:

Get your LAWELL JSS 3 Past Questions and answer and study 2023 then copy and answer PAPER 1, PAPER 2 and PAPER 3.

ENGLISH LANGUAGE:

Somayima: The little smart orphan

In not more than two pages of your foolscap sheet, carefully narrate the story in the book justifying this title.

P.H.E: Draw Human Skeleton and label clearly

HISTORY: Nigeria as a country, had over nine (9) presidents that ruled her, write at least 7 pages, how each president was elected, his political party, and his agent towards the progress of the country.

SECOND TERM RESEARCH QUESTIONS FOR SS 1

ECONOMICS: Discuss Basic Economic problems of society under the following Headings.

1. Definition of Economics system
2. What to Produce
3. How to Produce
4. For whom to produce
5. Efficiency of Resource use

DATA PROCESSING: 1.

1. Write on Computer Hardware and Software
2. Draw and label 10 Hardware devices in a white Cardboard paper.

ENGLISH LANGUAGE: 1. what is Phrases Verb

2. Using the internet or your English Dictionary, list any 20 phrasal verbs with their meaning.

CIVIC EDUCATION:

- 1a what is press Freedom
- 1b. mention four roles of the press in a democratic system of government.
- (2a) Define political party
- (2b).State five functions of political parties.
- (3a) Highlights ways of preventing cultism in your community.
- (4) Explain five benefits of representative's democracy.

BIOLOGY: Write extensively on the following:

- 1a. Definition 1-types of feeding Autotrophs, explaining what micro and macros nutrients one.
- b. Define Cellular Respiration, explaining aerobic respiration (Krebs cycle), anaerobic respiration, anabolism and energy release during respiration.
- 2a. Explain Autotrophy (photosynthesis and chemosynthesis) Heterotrophy and the role of enzymes.
- b. Define Excretion; explain of the excreto of organelles in living cells, waste products of metabolic activities of living cells, and the forms in which waste products are excreted.
- 3a. Define Growth, explain of the basis of growth, cell division (Mitosis), cell differentiation, and regulation of growth by hormone.
- b. How to cells react to its environment? Explain irritability and different types of responses.
- 4a. Define Movement, explaining the growth movement as regulated by
- b. Define Reproduction explaining of the two forms: (i) Asexual reproduction (Fission, budding, and vegetative propagation) (ii) Sexual reproduction (Conjugation, fusion of male and female gametes, meiosis, structure and functions of the male and female gonads.
- 5a. Explain these experiments using the AMMOC pattern: • Demonstrate the experiment to show that carbon IV oxide is produced during aerobic respiration. • Experiment to show oxygen's uptake by germinating seeds.
- b. Draw the diagram showing the stages of mitosis.

CATECHISM:

1. What is a Character?
2. What is contrition and explain the types of contrition?
3. What are the seven capital sin/vices and their contrary virtues?
4. What are the chief mysteries of faith which every Christian is bound to know?
5. In a chronological order write the eight 8 beatitudes?

IGBO LANGUAGE:

1. Gini bu Ahiriokwu

1b. Deputa njirimara ahiriokwu

1ch. Deputa udi ahiriokwu niile e nwere n' utoasusu Igbo ma kowaaha n'otu n'otu ma duputakwa omumaatu ha

2a. Deputa nkowa na omumaatu nkejiasusu ndia

Mkpoaha :

Aha – Nkowa ya na udi ya di iche iche na omumaatu

Nnochiaha – Nkowa ya udi na omumaatu ya

Njuajuju – Nkowa ya na omumaatu

Onuogugu – Nkowa na omumaatu

2b. Ngwaa nkowa ngwaa

Deputa udi ngwaa di iche iche e nwere ma kowaa ha

Deputakwa omumaatu udi ngwaa di iche iche e nwere.

GOVERNMENT: Democracy

1. Define and explain democracy

2. Explain the type of democracy

3. Discuss the main feature of democracy

AGRICULTURE: Topic: Agric allied/ Agro bases industries

1. Define agro-bases industries

ii. Mention at least ten 10 agro-based industries with their raw materials

iii. State the relationship between agriculture and industries.

LIT IN ENG: Buy and Read the text A Man for all Season

i. bring out characters analysis in it

ii. Evaluate the thematic impulses found in it

iii. Do a sketch summary of the incidents in the play

C.R.S:

Explain in details the concept of God's care his people with the bible quotation.

FURTHER MATEMATICS:

The operation (*) is defined as the set of real numbers R such that x, y (R) then

$$X * Y = \frac{X + Y}{2} \text{ determine}$$

2. $3 * 2$ (b) $- 5 * 4$ (c) $7 * 3$ (d) $1/2 * 1/2$ (e) is the set R closed under the operation *?

3. Giving that $x = \begin{pmatrix} 8 & 2 & 4 \end{pmatrix}$ $y = \begin{pmatrix} 3 & 6 & -1 \end{pmatrix}$

$$\begin{pmatrix} 0 & 4 & 6 \\ 10 & 6 & 8 \end{pmatrix} \quad \begin{pmatrix} 7 & 2 & 9 \\ 4 & 6 & 5 \end{pmatrix} \text{ find } x+y$$

MATHEMATICS:

Given that x is inversely proportional to m^2 and $x = 3$ when $m = 9$. Find x when $m = 3$

M varies directly as N and inversely as the square of P. if $M = 3$, when $n = 2$ and $P = 1$ find M in terms n and p

X is partly constant and partly varies with y when $y = 3$, $x = 7$ and when $y = 6$, $x = 9$

a. find the relationship between x and y

b. find x when $y = 4$

CHINESE:

1. In your note, extensively explain the culture of giving gifts in China.
2. Express the meaning and difference between 还是 (hái shì) 或者 (huò zhě)

GERMAN:

A1 schreiben Teil 1

SECOND TERM RESEARCH QUESTIONS FOR SS 2

ECONOMICS: Briefly discuss the production possibility Curve (PPC)

Meaning and types of products

Concepts of Total, Average and Marginal productivity law of variable proportion.

CIVIC EDUCATION:

1a Define state of emergency?

1b.state three ways of reducing state of emergency.

2a Explain five ways on how to prevent drug abuse

2b.what does NDLEA stands for?

2c. State three functions of NDLEA.

3. Explain five limitations of Human rights.

BIOLOGY: Topic: Respiratory system

1. Define Respiration and respiratory system

2. Describe different types of respiratory system

3. List the characteristics of a respiratory surface

4. Draw and label some respiratory organs of some animal

5. Explain various mechanism of respiratory in some animals eg: Mammals

6. Describe the mechanism of exchange of gases through the stomata of plants

IGBO LANGUAGE:

1. Deputa nkowaa, njirimara, nke naudi na omumaatu nkejiasusu ndia i. nkwuwa ii. Mbuuzo iii. Njiko

2. Dee nkowa ike ekpe

2b. Deputa ihe bu iri ekpe

2c. Deputa ndi na-eke ekpe

2d. Deekwa ndi a na-ekere ekpe

2e. Deputakwa ihe ihe iri a na- erite n'ekpe

GOVERNMENT: Topic: The Civil service

1. Meaning of civil service

2. Characteristics of the civil service

3. Function of the civil service

4. Structure of the civil service

AGRICULTURE: Topic: Ornamental plants

- i. Meaning of Ornamental plants
- ii. importance of Ornamental plants

iii. List and give five botanical names of the following classification of ornamental plants

- A. Ornamental trees
- B. Ornamental shrubs
- C. Ornamental flowers

LIT IN ENG: Buy and Read: Path of Lucas: the Journey He endured

- i. bring out the thematic impulses in the novel
- ii. Do a sketch of character assessment of the major characters in the novel

ENGLISH LANGUAGE:

Instruction: do a thorough research on summary writing based on different level basically that test the individual's ability to represent in concise form what he/she has understood.

The levels are listed below:

1. Sentence level
- ii. Paragraph level
- iii. Passage level
- iv. Book or text level
2. Explain the above listed levels under precision and interpretation (write short note on each of them)

FURTHER MATHEMATICS:

Evaluate $\lim_{x \rightarrow 1} \frac{x^2 + 4x - 5}{x^2 - 1}$

Evaluate $\lim_{x \rightarrow 1} \frac{x^2 + 4x - 5}{x^2 - 1}$

C.R.S:

Topic: sermon on the Mount. Write on the following sub-heading

- i. Introduction ii. The beatitudes iii. Salt and light iv. Adultery v. Anxiety vi. Prayer vii. Judging others viii. Worldly possession

NOTE: Write in a full scalp sheet not in your note book.

MATHEMATICS:

Solve and illustrate the solutions in a number line $2 - 7x < 5x + 8 \leq 9$

Simplify $\frac{x^2 - 3x + 2}{x^2 - 4}$

For what value of x is $\frac{3-x}{x^2+2x-15}$ undefined