

**COMMAND SCIENCE SECONDARY SCHOOL,  
LAFIA, NASARAWA STATE  
TAKE HOME ASSIGNMENT FOR SS1**

**ENGLISH LANGUAGE**

ANSWER ALL QUESTIONS

1. Write a descriptive essay on a memorable event in your life (250-300 words)
2. Write a persuasive letter to you school administration on a topic of your choice (250-300 words)

**CHEMISTRY**

1. Draw the periodic table of elements on a cardboard paper
2. Explain the following types of bonds
  - a. Electrovalent bond
  - b. Hydrogen bond
  - c. Van-der waals forces
  - d. Metallic bond
  - e. Covalent bond

**PHYSICS**

1. Briefly explain what you understand the term looping
2. Define energy
3. Mention the types of energy you know
4. With the help of example differentiate between the two source of energy

**Economics**

- 1) Defined firm, industry & business organization
- 2) In tabular format list the types of business organizations, and the numbers of owners and give examples

**AGRICULTURAL SCIENCE:**

1. Draw and label the digestive system of a cow and that of a pig.
2. Draw and label the circulatory system of farm animals.

**BIOLOGY:**

1. Define cellular respiration
2. Mention and explain the types of cellular respiration: their equations in plants and animals, differences and similarities
3. Draw the glycolysis and Karen's cycle.

**GEOGRAPHY:**

1. Discuss the modes of formation, and give the examples and characteristics of the following types of rocks:
2. a) Igneous rock
3. b) Sedimentary rock
4. c) Metamorphic rock
5. Briefly explain five (5) importance of rocks to man.

**CIVIC EDUCATION**

1. Explain the concept of representative democracy pointing out its characteristics
2. Discuss the advantages of representative democracy
3. Explain the rule of law, pointing out its three basic principles

**DATA PROCESSING**

1. Explain computer system
  - a. differentiate between system software and application software with five examples each
2. What is Operating System?

- b. What are the three scheduling strategies of operating system
- c. write short notes on the six types of operation system
3. Give the following acronym their full meaning
  - POST
  - RTOS
  - BIOS

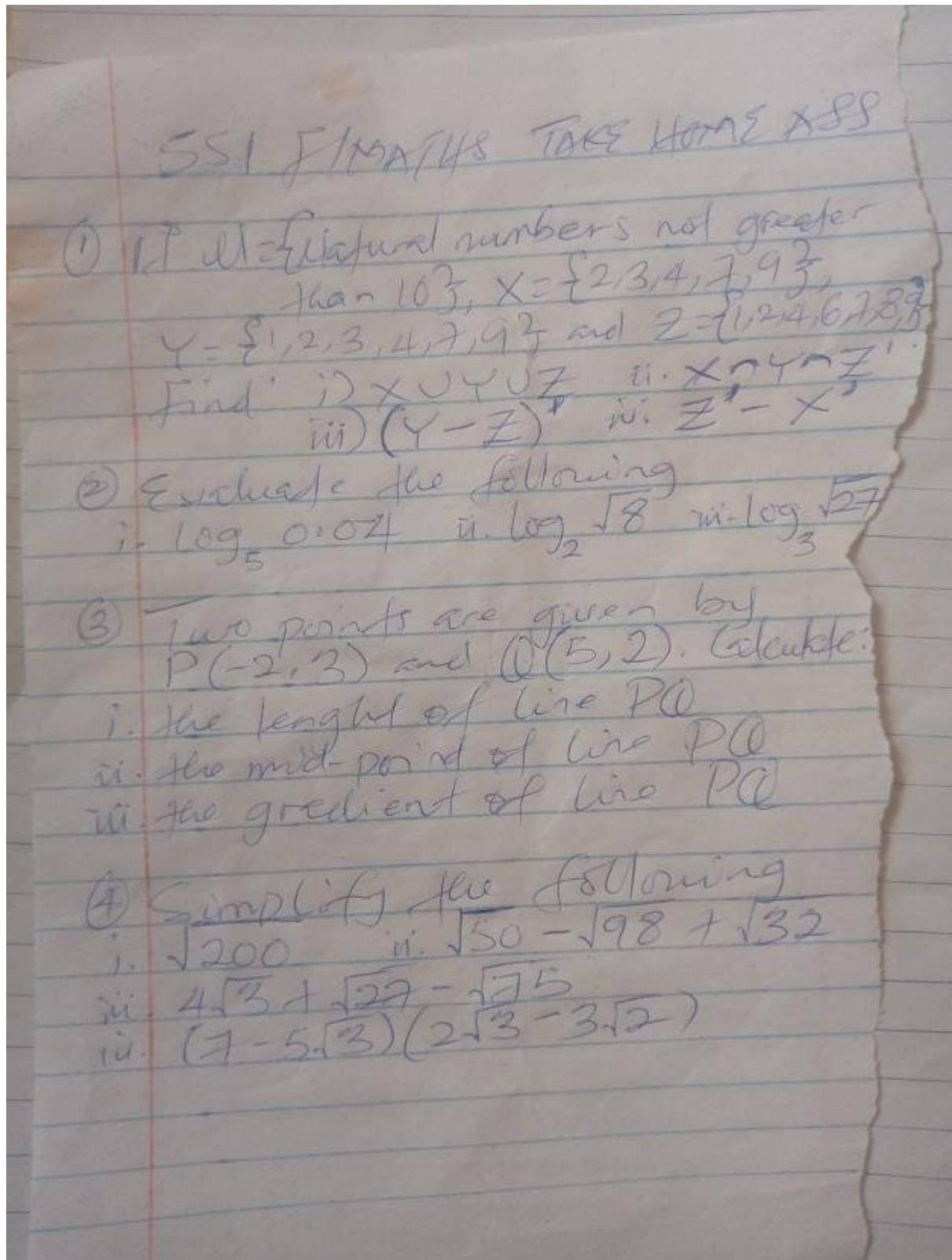
b. Explain the following

- ii. Insert mode
- ii. type over mode

### MARKETING

Write a business plan on a particular product of your choice

### FURTHER MATHEMATICS



MATHEMATICS

SSI Take Home Assignment  
Mathematics  
Use logarithm table to evaluate

(5)  $\sqrt{14.96 \times 294.3^3}$

$\sqrt[3]{0.03627}$

(6)  $92.63 \times 2.914$