

**HERITAGE GLOBAL ACADEMY**

2, Ola Iya close, Off Okiki Street, Isawo Road, Owutu Agric-Ikorodu, Lagos

**2ND SECOND TERM EXAMINATION 2023/2024 SESSION**

**Subject: BASIC SCIENCE**

**Class: JS 3** **Time: 40 mins**

***INSTRUCTION: Attempt any THREE questions. Each question carries equal marks.***

1. (a) List and explain 5 animal resources (21/2 marks)
2. Mention the 5 major groups of plant resources (21/2 marks)
3. Mention 2 examples each for the crops mentioned in (b) (5 marks)
4. (a) What is sound? (2 marks)

(b) Define echo. (2 marks)

(c) Explain what is meant by transmission of sound (2 marks)

(d) List **FOUR** parts of the eye. (4 marks)

1. (a) Define the terms: magnet and magnetism (2 marks)
2. What are the four main factors to consider when caring for a permanent magnet? (4 marks)
3. Define electromagnetism and mention 3 factors that increase the strength of an electromagnet. (4 marks)
4. (a) Define light energy. (1 mark)

(b) State and explain the **THREE** types of beam of light. Support your answers

with appropriate diagrams. (6 marks)

(c) Mention **THREE** properties of light. (3 marks)

1. Briefly explain the following terms:
2. Food crops (21/2 marks)
3. Cash crops (21/2 marks)
4. Medicinal plants (21/2 marks)
5. Ornamental plants (21/2 marks)