



HERITAGE GLOBAL ACADEMY

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

2ND CA TEST SECOND TERM EXAMINATION 2023/2024 SESSION

Subject: BASIC SCIENCE

Class: JSS 2

Time: 40 mins

INSTRUCTION: Answer **ALL** the questions

1. (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]
2. (a) What is reflection? [2 marks]
(b) State the laws of reflection. [2 marks]
(c) Mention **TWO** types of reflection. Support your answer with diagrams. [4 marks]
(d) Give **ONE** example each of the surfaces where the types of reflection mentioned in 2(c) can occur. [2 marks]
3. (a) Define refraction of light? [2 marks]
(b) State the laws of refraction. [2 marks]
(c) Give **ONE** use of each of the following mineral resources
 - (i) limestone
 - (ii) bitumen
 - (iii) iron ore
 - (iv) lead
 - (v) clay
 - (vi) zinc[6 marks]