

**PHYSIOLOGY PROGRAM**  
**COLLEGE OF HEALTH SCIENCES**  
**BOWEN UNIVERSITY IWO**  
**OSUN STATE, NIGERIA**  
**400 LEVEL PHYSIOLOGY EXAMINATION**  
**PHS 413: SPECIAL SENSES (1<sup>st</sup> SEMESTER, 2022/2023 SESSION)**

**Allocated Time:** 3:00 hours

**Venue:** COHES Blue Hall

**Date:** February 14th, 2023

**Instruction:** Attempt ALL questions. Ensure that your matriculation number is well written on the pages of your answer booklet(s).

- 1.) Discuss why the tongue is considered a gate keeper of the body. **(20 marks)**
  
- 2.) Optical aberrations are the main causes of visual defect. Explain. **(20 marks)**
  
- 3.) The eye constricts following exposure to light. What kind of reflex is this?  
Explain this physiological process. **(10 marks)**
  
- 4.) A patient complains of an eye defect to an Ophthalmologist. Briefly explain the basic eye test to be carried out in order to diagnose the defect. **(10 marks)**
  
- 5.) Deafness is a hearing impairment. Briefly discuss. **(10 marks)**