

BOWEN UNIVERSITY, IWO
COLLEGE OF HEALTH SCIENCES
PHYSIOLOGY PROGRAMME
2023/2024 FIRST SEMESTER EXAMINATION
PHS 413 (SPECIAL SENSES)

Date: January 30th, 2024

Allocated Time: 3 Hours

Instruction: Attempt all questions. Ensure that your matriculation number is boldly written on each page of your answer booklet.

1.) Write a comprehensive essay on visual pathway and its defects.
(20 marks)

2.) "*Olfactory neuro-epithelium mediates smell sensation.*" Discuss
(20 marks)

3.) Briefly explain how auditory signals are transmitted from cochlea to cerebral cortex.
(10 marks)

4.) Briefly discuss tympanic reflex and its physiological relevance
(10 marks)

5.) Taste buds are essential aspects of the human senses. Explain.
(10 marks)