

BOWEN UNIVERSITY, IWO
COLLEGE OF HEALTH SCIENCES
PHYSIOLOGY PROGRAMME
2023/2024 FIRST SEMESTER EXAMINATION
PHS 412 (COMPARATIVE PHYSIOLOGY)

Date: January 26th, 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.) Compare and contrast the respiratory physiology of Aves and with that of humans. **(20 marks)**
2.) Menstrual cycle in human is often referred to as circadian rhythm. Discuss. **(20 marks)**
3.) Explain how the human body respond to hypobaric situation. **(10 marks)**
4.) How does sleep illustrate circadian rhythm? **(10 marks)**
5.) Briefly discuss the relevance of comparative Physiology. **(10 marks)**