

**BOWEN UNIVERSITY, IWO**  
COLLEGE OF HEALTH SCIENCES  
**PHYSIOLOGY PROGRAMME**  
2023/2024 FIRST SEMESTER EXAMINATION  
PHS 415 (NEUROPHYSIOLOGY II)

**Date:** January 31st, 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. ) Describe nervous control of voluntary movements. **(20 marks)**
  
2. ) Write an essay on the physiology of sleep. **(20 marks)**
  
3. ) Write short note on the following
  - a. ) Role of medulla in vomiting **(10 marks)**
  - b. ) Reticular activating system **(10 marks)**
  - c. ) Thalamic syndrome of Dejerine-Roussy **(10 marks)**