

**BOWEN UNIVERSITY, IWO**  
**COLLEGE OF HEALTH SCIENCES**  
**PHYSIOLOGY PROGRAMME**

2023/2024 FIRST SEMESTER EXAMINATION  
PHS 215 & 315 (GASTROINTESTINAL TRACT PHYSIOLOGY)

**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. ) Explain why the liver is described as the "*refinery of the human body*". **(20 marks)**
  
2. ) Write short notes on the following
  - a. ) adaptive features of teeth types, for mastication **(10 marks)**
  - b. ) relationship between emulsification and fat digestion **(10 marks)**
  
3. ) Write an essay on gastroesophageal reflux disease **(10 marks)**
  
4. ) Gastrointestinal tract (GIT) hormones are essential for the processes of digestion and absorption. Identify and discuss any **ten GIT hormones** **(20 marks)**