

BOWEN UNIVERSITY IWO
COLLEGE OF HEALTH SCIENCES
PHYSIOLOGY PROGRAMME
200LEVEL B.Sc. EXAMINATION
First Semester, 2021/2022 SESSION
PHS 211 (GENERAL PRINCIPLES OF PHYSIOLOGY)

DATE: March, 2022

TIME: 3Hours.

INSTRUCTIONS: *Answer all questions *Write your matriculation number clearly on every page of the answer booklet. *Answer questions 1 & 2 in a booklet and questions 3 & 4 in another booklet

1. Write an essay on the mechanism of transport across cell membrane (20 mks)
2. Write short notes on the following:
 - a. Nucleus (10mks)
 - b. Homeostasis and the body's control system (10 mks)
3. Discuss the body fluid compartments (20mks)
4. Write short notes on the following:
 - a. The resting membrane potential (10 mks)
 - b. Using appropriate diagram, describe the action potential (10mks)