

BOWEN UNIVERSITY, IWO
PHYSIOLOGY PROGRAMME
COLLEGE OF HEALTH SCIENCES
200LEVEL B.Sc. EXAMINATION
First Semester, 2020/2021 SESSION
GENERAL PRINCIPLES OF PHYSIOLOGY (PHS 211)

DATE: March, 2021

TIME: 3 Hours.

INSTRUCTIONS:

- Answer all questions
 - Write your matriculation number clearly on every page of the answer booklet.
1. With the aid of appropriate diagrams and examples, discuss transport processes (20 mks)
 2. Briefly discuss the following:
 - a. Lysosomes and their functions (10 mks)
 - b. Structure and functions of mitochondria (10 mks)
 3. Write on body fluid compartments and their measurements (20 mks)
 4. Discuss homeostasis and the mechanisms involved (20 mks)
 5. Write short notes on the following;
 - c. Physicochemical properties of cell membrane (10 mks)
 - d. Functions of membrane proteins (10 mks)