

**BOWEN UNIVERSITY IWO**  
**COLLEGE OF HEALTH SCIENCES**  
**PHYSIOLOGY PROGRAMME**  
**300LEVEL B.Sc. EXAMINATION**  
**First Semester, 2021/2022 SESSION**  
**PHS 323 (CARDIOVASCULAR PHYSIOLOGY I)**

**DATE:** March, 2022

**TIME:** 3Hours.

**INSTRUCTIONS:** Answer 1 question from section A and ANY 5 from section B

**Section A**

1. Discuss cardiac cycle
2. Discuss cardiac output

**Section B**

Write short notes on the following:

3. Hemorrhage
4. Cardiovascular changes in response to exercise
5. Ventricular myocyte action potential
6. Physiological basis of shock
7. Acclimatization on high altitude
8. Physiological role of baroreceptors in regulating blood pressure