

**BOWEN UNIVERSITY IWO**  
**COLLEGE OF HEALTH SCIENCES**  
**PHYSIOLOGY PROGRAMME**  
**400LEVEL B.Sc. EXAMINATION**  
**Second Semester, 2021/2022 SESSION**  
**PHS 404 (CARDIOVASCULAR PHYSIOLOGY II)**

**DATE:** July, 2022

**TIME:** 2Hours.

**INSTRUCTIONS:** \*Answer all questions \*Write your matriculation number clearly on every page of the answer booklet.

1. Give a detailed account of pulmonary hypertension (20 marks)
2. Write a comprehensive essay on shock (20 marks)
3. Write short notes on the following (10 marks each):
  - a. The causes of extra-systole
  - b. Physiological implications of myocardial infarction
  - c. Differentiate between right and left ventricular failure