

BOWEN UNIVERSITY
DEPARTMENT OF PHYSIOLOGY
COLLEGE OF HEALTH SCIENCES

200 LEVEL B.Sc. EXAMINATION
Second Semester, 2018/2019 SESSION

RESPIRATORY PHYSIOLOGY - PHS 213

DATE: 27th May, 2019

TIME: 3Hours.

INSTRUCTIONS:

- Answer all questions
- Answer each section in a separate booklet
- Write your matriculation number clearly on every page of the answer booklets

SECTION A

1. The Respiratory tract is not only for transportation of gases but also for metabolic and defense function. Discuss. (20 mks).
2. Write short notes on the following;
 - a. Acclimatization to high altitude (10 mks)
 - b. Neural control of Respiration (10 mks)
 - c. Respiratory adjustment to exercise (10 mks)

SECTION B

3. Discuss oxygen and carbon dioxide transport. (20 mks).
4. Write short notes on:
 - a. Mechanics of breathing (10 mks)
 - b. Surfactant (10 mks)
 - c. Asthma (10 mks)