

MARCH 2021  
EBS 114  
GENERAL BIOLOGY THEORY 1  
1 HOUR 30 MINUTES

Candidate's Index Number
Signature:

UNIVERSITY OF CAPE COAST  
COLLEGE OF EDUCATION STUDIES  
SCHOOL OF EDUCATIONAL DEVELOPMENT AND OUTREACH  
INSTITUTE OF EDUCATION

COLLEGES OF EDUCATION  
FOUR-YEAR BACHELOR OF EDUCATION (B.ED)  
FIRST YEAR, END-OF-FIRST-SEMESTER EXAMINATION, MARCH 2021

MARCH 22, 2021

GENERAL BIOLOGY THEORY 1

9:30 AM – 11:00 AM

SECTION B

Answer TWO questions from this section

1. a. What is health? [5 marks]
- b. Distinguish between a parasitic disease and a deficiency disease. [5 marks]
- c. Explain vaccination. [5 marks]
- d. List 5 symptoms of common cold. [5 marks]
  
2. a. What are the advantages and disadvantages of external and internal forms of fertilization? [10 marks]
- b. Why is it beneficial for cells to use ATP rather than energy directly from the bonds of carbohydrates? [10 marks]
  
3. a. List in order the different of the taxonomic classification system from the highest to lowest. [8 marks]
- b. Compare a tap root system with a fibrous root system. For each type, give **four** examples that provide food in the human diet. [12 marks]