

MAY 2023  
EBS 103  
GENERAL BIOLOGY  
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, MAY/JUNE 2023

22<sup>ND</sup> MAY 2023

GENERAL BIOLOGY

9:30 AM – 11:00 AM

SECTION B  
[40 MARKS]

Answer any TWO questions from this section.

1. a. Differentiate between polypetalous and gamopetalous flowers. (2 marks)  
b. State **three** reasons for classifying organisms. (6 marks)  
c. Identify **two** functions of the following organs:  
    i. Heart (4 marks)  
    ii. Blood (4 marks)  
    iii. Blood vessels (4 marks)
2. a. Identify **two** functions of the following parts of a plant: (6 marks)  
    i. Leaves:  
    ii. Stem  
    iii. Root  
b. Identify **four** characteristics of the following: (8 marks)  
    i. wind pollinated flower  
    ii. insect-pollinated flower  
c. Identify the **four** types of teeth and indicate a function for each. (6 marks)
3. a. Provide **two** characteristic features of organisms belonging to the following kingdoms:  
    i. Monera/Prokaryotae (4 marks)  
    ii. Fungi (4 marks)  
    iii. Protista (4 marks)  
b. State **four** statements that can form part of tenets of the cell. (8 marks)