

APRIL 2019
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) PROGRAMME
FIRST YEAR, END-OF-FIRST SEMESTER EXAMINATION, APRIL 2019

APRIL 1, 2019 GENERAL BIOLOGY THEORY 1 9:30 AM – 11:00 AM

SECTION B
(40 MARKS)

Answer any TWO questions from this Section.

1. a. By means of a table state four differences between plant and animal cells. [8 marks]
- b. By means of annotated diagrams only, describe the behavior of red blood cells in isotonic, hypotonic and hypertonic solutions. [12 marks]
2. a. Explain the following terms:
 - i. conjugation
 - ii. parthenogenesis[4 marks]
- b. By means of labelled diagrams, demonstrate the process of osmosis. [16 marks]
3. Use a flow chart to describe the Krebs cycle. [20 marks]

