

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF

PECI 122: INTRODUCTION TO SCIENCE AND AGRICULTURE

STREAMS: PECI (PART TIME)

TIME: 2 HOURS

DAY/DATE: MONDAY 29/03/2021

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- **This paper consists of four questions.**
- **Answer question ONE and any other TWO.**

- Q1. (a) Describe characteristics of living things. (10 marks)
- (b) Distinguish between plant and animal cells. (8 marks)
- (c) Explain methods of removing hardness from water. (6 marks)
- (d) Basing your argument on properties of water explain why water is an important substance in life. (6 marks)
- Q2. (a) What is energy? (2 marks)
- (b) Discuss the different forms of energy. (18 marks)
- Q3. (a) Explain the dangers associated with wind. (10 marks)
- (b) Elaborate the functions of phosphorus in plant. (10 marks)
- Q4. Discuss methods of land reclamation. (20 marks)
-