

Mount Kenya



University

UNIVERSITY EXAMINATION 2015/2016

SCHOOL OF EDUCATION
DEPARTMENT OF EARLY CHILDHOOD STUDIES

BACHELOR OF EDUCATION IN EARLYHOOD STUDIES
SCHOOL BASED

UNIT CODE: BEC2206

UNIT TITLE: INTEGRATED
SCIENCE II (BIOLOGICAL
SCIENCES)

DATE: DECEMBER 2015

MAIN EXAM

TIME: 2 HOURS

INSTRUCTIONS:

- Answer question one and any other two questions.

Question One

- a) Define the following terms as used in science. (2 Marks)
- (i) Floating. (2 Marks)
 - (ii) Matter. (2 Marks)
 - (iii) Kinetic energy. (2 Marks)
 - (iv) Energy. (2 Marks)
- b) Outline five properties of gases. (5 Marks)
- c) Outline six methods of separating mixtures. (6 Marks)
- d) State six forms of energy. (6 Marks)
- e) Give any five elements of weather. (5 Marks)

Question Two

show to do work

Outline components of air and explain their uses. (20 Marks)

Question Three

Describe the types of clouds. (20 Marks)

Question Four

Discuss importance of using simple machines in daily activities. (20 Marks)

Question Five

a) Explain properties of magnets. (10 Marks)

b) Explain properties of solids. (10 Marks)