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.
   (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

[Note: Question Two is not fully visible in the image, so it cannot be transcribed accurately.]
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)