

**UNIVERSITY OF KABIANGA**

**UNIVERSITY EXAMINATIONS**

**2015/2016 ACADEMIC YEAR**

**SECOND YEAR FIRST SEMESTER EXAMINATION**

**FOR THE DEGREE OF BACHELOR OF SCENCE IN BIOCHEMISTRY**

**COURSE CODE: BIO 211**

**COURSE TITLE: GENERAL BIOCHEMISTRY**

**DATE: 2ND DECEMBER, 2015**

**TIME: 2.00 P.M-5.00 P.M**

**INSTRUCTIONS TO CANDIDATES:**

Answer **ALL** questions in **section A** and any other **TWO** in **section B**.

**SECTION A; 40 MARKS**

1. Identify any four trace elements and describe their importance in plants. (8 marks)
2. Write notes on muscle cell. (8 marks)
3. Describe the plasma membrane. (8 marks)
4. Describe the structure of a neuron. (8 marks)
5. Discuss the nitrogen cycle. (8 marks)

**SECTION B; 30 MARKS**

1. Discuss the light phase of photosynthesis. (15 marks)
2. Discuss production of red blood cells. (15 marks)
3. Discuss structural lipids. (15 marks)