

**UNIVERSITY OF KABIANGA**

**UNIVERSITY EXAMINATIONS**

**2014/2015 ACADEMIC YEAR**

**FOURTH YEAR SECOND SEMESTER EXAMINATION**

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

**COURSE CODE: BIO 419E**

**COURSE TITLE: FOOD BIOCHEMISTRY**

**DATE: 28TH APRIL, 2015**

**TIME: 9.00 A.M-12.00 NOON**

**INSTRUCTIONS TO CANDIDATES:**

Answer **ALL** Questions

1. Discuss protein as a major constituent in muscle. (10 marks)
2. Write notes on Poly Phenol oxidase and its reaction. (10 marks)
3. Describe the caramelization reaction in foods. (10 marks)
4. Explain the biochemical changes of carbohydrates in fruit ripening. (10 marks)
5. Discuss ascorbic acid browning. (10 marks)
6. Describe the preparation of yogurt. (10 marks)
7. Discuss the caramelization reaction. (10 marks)