

**UNIVERSITY OF KABIANGA**

**UNIVERSITY EXAMINATIONS**

**2014/2015 ACADEMIC YEAR**

**SECOND YEAR SECOND SEMESTER EXAMINATION**

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

**COURSE CODE: BIO 213**

**COURSE TITLE: BASIC BIOCHEMICAL TECHNIQUES**

**DATE: 6TH MAY, 2015**

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

**INSTRUCTIONS TO CANDIDATES:**

Answer **ALL** questions. Total marks (70)

1. Describe the working various forms of paper chromatography. (10 marks)
2. Explain protein separation by SDS- PAGE. (10 marks)
3. Describe how spectrophotometer is used in measurements. (10 marks)
4. Discuss protein precipitation techniques. (10 marks)
5. Briefly outline the enzyme assay techniques. (10 marks)
6. Describe how to carry out tissue homogenization. (10 marks)
7. Discuss how electrochemistry is used as a technique in Biochemistry. (10 marks)