

**UNIVERSITY OF KABIANGA**

**UNIVERSITY EXAMINATIONS**

**2014/2015 ACADEMIC YEAR**

**FOURTH YEAR FIRST SEMESTER EXAMINATION**

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

**COURSE CODE: BIO 413**

**COURSE TITLE: REPRODUCTIVE BIOCHEMISTRY**

**DATE: 4TH DECEMBER, 2014**

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

**INSTRUCTIONS TO CANDIDATES:**

Answer **ALL** questions. Use examples and illustrations where applicable.

1. Describe spermatogenesis process. (10 marks)
2. Draw the chemical structure and name any five sex hormones. (10 marks)
3. After fertilization, describe biochemically how male sex organ is formed. (8 mars)
4. Discuss the ovarian cycle in detail. (10 marks)
5. Describe the female sexual act in stages. (10 marks)
6. Describe the different methods of contraception. (10 marks)
7. Discuss human chorionic gonadotropin’s role in pregnancy. (12 marks)