



(Knowledge for Development)

KIBABII UNIVERSITY

**UNIVERSITY EXAMINATIONS
2016/17 ACADEMIC YEAR**

**FIRST YEAR SECOND SEMESTER
SPECIAL/SUPPLEMENTARY EXAMINATION**

**FOR THE DEGREE OF BACHELOR OF SCIENCE AND BACHALOR OF BIO-
RESOURCE CONSERVATION**

COURSE CODE: SBL 321

COURSE TITLE: RESEARCH METHODOLOGY

DATE: 20/09/2017

TIME: 11:30-1:30 p.m

INSTRUCTIONS TO CANDIDATES

Answer question **ONE** [1] and **ANY** other **TWO** [2] questions

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBUCO observes ZERO tolerance to examination cheating

1. [i] Define the following terms as used in research:
 - [a] Extraneous variable
 - [b] Research hypothesis
 - [c] Treatments
 - [d] Experimental and control groups. [10mks]
- [ii] Explain **three methods** adopted in hypothesis testing [6mks]
- [iii] Describe **three principles** of research [6mks]
- [iv] Briefly discuss four types of **research designs** [8mks]
2. [a] Explain **five sources** of a **research idea**. [10mks]
- [b] Describe **five sources** of **error** in measurement [10mks]
3. "Questionnaires are commonly **applied research**." Discuss. (20mks)
4. Discuss the **components** of a research paper for publication (20mks)
5. Explain **five factors** you would consider when selecting an ideal method for data collection [20mks]