



KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2015/2016 ACADEMIC YEAR FIRST YEAR SECOND SEMESTER MAIN EXAMINATION

**FOR THE DEGREE OF B.ED (SCIENCE), B.SC. BIOLOGY & B.SC.
BIORESOURCE**

COURSE CODE: CUC 121

COURSE TITLE: SCIENCE, TECHNOLOGY AND SOCIETY

DATE: 3rd May 2016

TIME: 9 - 11 a.m.

INSTRUCTIONS TO CANDIDATES

Answer Question one (1) and any other two (2) Questions. Question one is compulsory and carries 30 marks, the other Questions carry 20 marks each.

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBUCO observes ZERO tolerance to examination cheating

Question 1

- a) Define the following terms as used in science and technology (4mks)
- a) Science
 - b) Non-Science
 - c) Pseudo-science
 - d) Technology
- b) “Technology is a process”. Validate this statement (5mks)
- c) List four features of a good hypothesis. (4mks)
- d) Using the title “Impacts of Technology and Society” formulate a hypothesis (4mks)
- e) Explain briefly what sets science apart from other disciplines (4mks)
- f) State four limitations of science and technology (5mks)
- g) Distinguish between a variable and a control as used in scientific investigation (4mks)
2. Discuss the role of science and technology in national development. (20mks)
3. Assuming you are an environmental officer in Bungoma County and there is a problem of waste disposal in the County, describe how you will solve the problem. (20mks)
4. Describe the development of science in the course of human history. (20mks)
5. Discuss the role of technology on human life with special emphasis on biotechnology (20mks)