



*(Knowledge for Development)*

**KIBABII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**  
**2017/2018 ACADEMIC YEAR**

**FOURTH YEAR 2ND SEMESTER**  
**MAIN EXAMINATION**

**FOR THE DEGREE OF BACHELOR OF AGRICULTURE ECONOMICS  
AND RESOURCE MANAGEMENT**

**COURSE CODE:** IAE 491  
**COURSE TITLE:** TECHNOLOGY AND MODERN INDUSTRIAL  
SOCIETY

**DATE: 6<sup>TH</sup> AUGUST 2018**

**TIME: 9 – 11 AM**

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**INSTRUCTIONS TO CANDIDATES**

Answer Question 1 and any other TWO questions.

TIME: 2 Hours

This paper consists of 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

Q1. (a) Explain the meaning of the following terms

- |                                |        |
|--------------------------------|--------|
| (i) Technology                 | (1 mk) |
| (ii) Plant breeding            | (1 mk) |
| (iii)Molecular markers         | (1 mk) |
| (iv)Agricultural Biotechnology | (1 mk) |

(b) State any four technological techniques which are used in crop production(4mks)

(c) Briefly explain any five reasons for patenting (10mks)

(d) Explain the advantages of Modern Technology in our lives today (12mks)

Q2. Discuss how technology can improve the livelihoods of farmers and their families by producing more and higher quality crops (20mks)

Q3. Discuss important technologies that have been adopted to improve beef cattle performance (20mks)

Q4. Describe the evolution of Technology in Crop production (From early man to date) (20mks)