



(Knowledge for Development)

KIBABII UNIVERSITY

**UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR**

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

FOR THE DEGREE OF BACHELOR OF SCIENCE

COURSE CODE: CUC 121


COURSE TITLE: SCIENCE TECHNOLOGY AND SOCIETY

DATE: 19TH October, 2018 TIME: 3:00 -5:00 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

Question 1

Question 1

a). Define the following terms as used in science

- i). Natural Philosophy (3 MARKS)
- ii). Technology (3 MARKS)
- iii). Science (2 MARKS)
- iv) Ethics (2 MARKS)

b). **Explain** the relation of science with following structures

- ii). Cultural structures (5 MARKS)
- iii). Political structures (5 MARKS)

c). **Explain** the challenges associated with technology in the world today (6 MARKS)

d). **State four** infertility challenges that can be solved through reproductive technology (4 MARKS)

Question 2

Discuss the history of science in the 19th century (20 MARKS)

Question 3

Describe the role of technology in national development and social change (20 MARKS)

Question 4

Explain the branches of science that existed in the 17th century (20 MARKS)

Question 5

Discuss the practical impact of scientific research showing the discoveries in fundamental science that are world changing. (20 MARKS)