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UNIVERSITY EXAMINATIONS 2017/2018 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER MAIN EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF SCIENCE

COURSE CODE: CUC 121

COURSE TITLE: SCIENCE, TECHNOLOGY AND SOCIETY

DATE: Friday 10th August, 2018.

TIME: 2:00 – 4:00 p.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



Question 1

- a). **Define** the following terms as used in science
- i). Telecommuters (3 MARKS)
 - ii). Biotechnology (3 MARKS)
 - iii). Hypothesis (3 MARKS)
 - iv). Pseudoscience (2 MARKS)
- b). **Explain** formal science in terms of Mathematic and logic (4 MARKS)
- c). **Explain the** scientific community in science (4 MARKS)
- c). **Explain** how science interacts with the cultural structures (6 MARKS)
- d). **State the** disadvantages of internet (5 MARKS)

Question 2

Discuss genetic engineering as a technology in relation to social change
(20 MARKS)

Question 3

Explain the branches of science in relation to scale of the universe
(20 MARKS)

Question 4

Discuss the impact of technology to human life with special emphasis to biotechnology
(20 MARKS)

Question 5

Discuss the world changing discoveries in science that have an impact to our life today
(20 MARKS)