



# THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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**MAIN EXAMINATION**

**JANUARY – APRIL 2019 TRIMESTER**

**FACULTY OF ARTS AND SOCIAL SCIENCES**

**DEPARTMENT OF SOCIAL SCIENCES**

**REGULAR PROGRAMME**

**SSO 412: SOCIOLOGY OF SCIENCE**

**Date: APRIL 2019**

**Duration: 2 Hours**

**INSTRUCTIONS: Answer Question ONE and any other TWO Questions**

- Q1. a) Discuss the factors that led to the renewed growth of science **(8 marks)**
- b) Illustrate the use of the scientific method in the social sciences. **(12 marks)**
- c) Differentiate between empiricism and rationalism as schools of thought. **(10 marks)**
- Q2. Discuss the view that science constitutes a social system. **(20 marks)**
- Q3. With illustrations, discuss Robert Merton's norms of science and demonstrate how each norm is not conformed to by scientists in reality. **(20 marks)**
- Q4. 'While scientific and technological advancements have yielded positive developments, they have also posed major risks to society'. Discuss **(20 marks)**
- Q5. a) What is a scientific community? **(5 marks)**
- b) Examine the main factors that have hindered the development of scientific communities in Africa. **(15 marks)**

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