



# THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

**A. M. E. C. E. A**

**MAIN EXAMINATION**

**MAY – JULY 2018 TRIMESTER**

**FACULTY OF ARTS AND SOCIAL SCIENCES**

**DEPARTMENT OF DEVELOPMENT STUDIES**

**REGULAR PROGRAMME**

**SDS 212: SCIENCE AND TECHNOLOGY**

P.O. Box 62157  
00200 Nairobi - KENYA  
Telephone: 891601-6  
Fax: 254-20-891084  
E-mail: academics@cuea.edu

<b>Date: JULY 2018</b>	<b>Duration: 2 Hours</b>
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<b>INSTRUCTIONS: Answer Question ONE and any other TWO Questions</b>
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- Q1. a) Briefly explain the aspect of consistency in science. **(5 Marks)**
- b) Explain the meaning of the position that all technologies involve control. **(5 Marks)**
- c) With relevant examples explain the intangible aspect of technology. **(5 Marks)**
- d) Show how technology enables scientific expression **(5 Marks)**
- e) Present the result of a failure to address disability using science and technology. **(5 Marks)**
- f) Elaborate on one difference between science and technology. **(5 Marks)**
- Q2 a) Show how technology is part of human culture **(10 Marks)**
- b) Explain how scientific knowledge leads to new applications **(10 Marks)**
- Q3. a) Explain what a country's government can do to increase the interest of its citizens in science and technology. **(10 Marks)**
- b) Discuss the ways in which technology has transformed the world **(10 Marks)**

- Q4 a) Explain the factors that determine the choice of technology. **(10 Marks)**
- b) Analyze the educational scientific progress that has occurred over the years **(10 Marks)**
- Q5. a) With relevant examples, show how technology provides motivation for scientific research **(10 Marks)**
- b) Elaborate on the negative applications of Science and technology in the modern world. **(10 Marks)**

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