



UNITED INTERNATIONAL UNIVERSITY (UIU)
School of Science and Engineering
Department of Computer Science and Engineering
SOC 101/SOC 2101 : Society, Technology & Engineering Ethics
(All Sections)

Mid-Term Exam

Fall 2023

Marks: 30

Time: 1 Hour 45 Minutes

Answer any five questions (each question is of equal value).

1. Define and elaborate on the concept of society. Discuss the key characteristics and major changes that have occurred in human societies as they transitioned from primitive societies to industrial societies, and finally to post-industrial societies.
2. The Industrial Revolution had a transformative impact on society and the environment, improvements in production, and utilization of resources. How did these changes reshape social and natural systems during & after the Industrial Revolution?
3. In today's rapidly changing world, there are instances where human activities have had detrimental effects on the environment due to factors like resource overuse, pollution, or unsustainable practices. Identify and discuss some of the environmental crises caused by the current form of economic development. Provide examples to support your answer.
4. Is economic growth a necessary condition for development? - Explain the relationship between economic growth and development with logical arguments.
5. What are Sustainable Development Goals about? As a student from the Computer Science and Engineering (CSE) background, if you were to work on one of the SDG goals, which one would you choose and why? Describe the initiatives you would like to undertake to contribute to your chosen SDG goal.
6. What are the effects of production and consumption on the environment? Based on your own understanding, draw a link between the consumption pattern and its effects on the environment. You can use examples to support your explanation.
7. Explain the concept of sustainable waste management practices. What can be the key strategies to manage waste in sustainable ways? Explain your answer with relevant examples.