



**SCHOOL OF COMPUTING AND ENGINEERING SCIENCES**  
**MSSET 8101: ETHICS AND GOVERNANCE IN ENERGY**  
**END OF SEMESTER EXAM**

**Date: 17<sup>th</sup> August 2023**

**J. Branya, 100 marks**

**Time: 18:00 – 20:30**

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**Instructions:**

1. This Examination consists of **FIVE** questions.
  2. Answer **Question ONE (COMPULSORY)** and any other **TWO** questions.
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**Question 1 Compulsory (60 marks)**

- 1.1 Briefly explain the ethical principles that could justify big investments in clean energy (10 marks).
- 1.2 Explain how energy can assist people in the five internal types of goods (10 marks)
- 1.3 Explain how clean energy can boost the five types of capital. (10 marks)
- 1.4 Explain which of the two corporations' purpose theories considers Corporate Social Responsibility important. (10 marks)
- 1.5 Changing cultures is difficult. David Lean had a simple three steps model. Explain how one can change the electricity use in your company using this model. (10 marks)
- 1.6 Indra Nooyi defines the characteristics of good leaders using 5 C's. How Mandela lived each of them. (10 marks)

**Question 2.** (20 marks) Implementing the six social ethical principles makes companies thrive. Explain how to live these six principles in your company.

**Question 3** (20 marks) Each of the drawings represents a good or a bad way to create a good culture according to Charles Kim. Explain in detail how each can assist your company to create a great culture.

**5 keys to unlocking long-term sustained success:**

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**Question 4** (20 marks)

Prudence is a key characteristic of those responsible for taking important decisions, especially those that affect other people using energy.

- a) Explain the 9 elements by which one can measure prudence. (10 marks)
- b) Give a real-life example for each according to your professional experience. (5 marks)
- c) Explain what of the nine is the one that gives its moral character (5 marks)

**Question 5.** Governance is how a company is directed and controlled. It can be good or bad governance. Explain the ten principles we discussed to make your electrical companies more transparent. (20 marks)

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