



SCHOOL OF COMPUTING AND ENGINEERING SCIENCES
MASTER OF SUSTAINABLE ENERGY TRANSITION
MSSET: 8301: ENTREPRENEURSHIP AND INNOVATION

END OF SEMESTER EXAM

Date: 11th January, 2023

Time: 2 Hours

Instructions:

1. This Examination consists of **FOUR** questions
 2. Attempt any three of them
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Question One

[20 Marks]

- a. Distinguish innovation from invention, giving examples for each (**3 marks**).
- b. Compare the importance of creative and analytical thinking in innovation (**3 marks**)
- c. Discuss the four pillars of innovation (**14 marks**)

Question Two

[20 Marks]

Discuss the innovation theories, giving examples for energy transition in each theorem (**20 marks**)

Question Three

[20 Marks]

- a. Analyse the relationship between innovation, entrepreneurship and energy transition (**5 marks**)
- b. Discuss the stages of innovation (**10 marks**).
- c. In what ways is innovation in ICT useful to energy transitions? (**5 marks**)

Question Four

[20 Marks]

Discuss the steps of entrepreneurial process