



**SIR ARTHUR LEWIS COMMUNITY COLLEGE
ACADEMIC YEAR (2024/2025) – SEMESTER ONE
END OF SEMESTER EXAMINATION**

COURSE CODE : SCI202
COURSE TITLE : ENERGY & CLIMATE CHANGE
LECTURER(S) : MRS. JOSEPH-BISCETTE
DATE : THURSDAY 19TH, DECEMBER, 2024
TIME : 1:00 PM
DURATION : 2 HOURS
STUDENT ID # : _____

GENERAL INFORMATION AND INSTRUCTIONS

- Students must sign **IN** and **OUT** on the examination class list.
- Write your ID number on the question paper.
- This paper has TWO questions. Answer BOTH questions.

DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO

Instructions: Write an essay of 800 – 1200 words for each of the questions below.

1. As climate change drives the search for alternative energy sources, many developed nations are considering wind power.

Critically analyse **one (1)** economic, **one (1)** environmental, and **one (1)** social factor that impact the viability of establishing wind farms as a sustainable energy solution in the Caribbean.

In your conclusion, evaluate whether wind farms have the potential to **effectively** replace fossil fuels in the future.

30 marks

2. Examine how national policies can influence energy choices and contribute to climate change resilience.

Using examples, in your response, identify and explain two (2) ways energy policies can mitigate climate change risks within **either** the agriculture **or** transport sector.

30 marks

TOTAL 60 marks

END OF EXAM