

UNIVERSITY OF ESWATINI



Faculty of Health Sciences

Department of Environmental Health Science

DEGREES IN ENVIRONMENTAL HEALTH SCIENCE

MAIN EXAMINATION PAPER OCTOBER 2021

- TITLE OF PAPER : SUSTAINABLE DEVELOPMENT
- COURSE CODE : EHS442
- DURATION : 2 HOURS
- MARKS : 100
- INSTRUCTIONS : READ THE QUESTIONS & INSTRUCTIONS
CAREFULLY
- : ANSWER **ANY FOUR** QUESTIONS
- : EACH QUESTION **CARRIES 25** MARKS.
- : WRITE NEATLY & CLEARLY
- : NO OTHER PAPER SHOULD BE BROUGHT INTO THE EXAMINATION ROOM.
- : BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER.

DO NOT OPEN THIS QUESTION PAPER UNTIL PERMISSION IS GRANTED BY THE INVIGILATOR.

QUESTION ONE

- a. Define Global warming and state the reasons why it is happening. [8 marks]
- b. Explain how its impacts will affect sustainable development [10 marks]
- c. Describe the international responses to Global Warming [7 marks]

Total 25 marks

QUESTION TWO

Briefly respond to the following questions:

- a. Explain why the Brundtland Commission was formed [4 marks]
- b. Outline the terms of references given to the Commission. [8 marks]
- c. Highlight the prerequisites for achieving sustainable development. [6 marks]
- d. State two outcomes of the World Summit on Sustainable Development (WSSD) held in Johannesburg [2 marks]
- e. Briefly discuss one of these outcomes you have stated in (d) above. (5 marks)

Total 25 marks

QUESTION THREE

- a. One of the cities we studied during the course of EHS442 was Curitiba, Brazil. Explain why you think Curitiba has been so successful in its efforts to become an eco-city, compared with the generally unsustainable cities found in most developed and developing countries around the world? [15 marks]
- b. Production and consumption are important factors to be considered in sustainable development. Explain why this is important. [10 marks]

Total 25 marks

QUESTION FOUR

Read this quotation and respond to the question that follows. "Whether the means to solve problems on a global scale come through technological innovation, changing consumption

and production patterns or providing access to important services, progress towards sustainable development depends on the complex interactions of people, businesses, NGOs and government. Learning to co-ordinate these is key to making real gains." Discuss the roles played by the following groups in achieving sustainable development.

- | | |
|----------------------------------|------------|
| a. Citizens (people and society) | [12 marks] |
| b. Government | [13 marks] |

Total 25 marks

QUESTION FIVE

Respond to the following questions:

- a. Give a comprehensive definition the term **Globalization** [8 marks]
- b. Explain **five positive** and **five negative** consequences of Globalization as it relates to sustainable development. [10 marks]
- c. The United Nations Sustainable Development Cooperation Framework (UNSDCF) for Eswatini articulates a collective vision of the UN Development System (UNDS) in Eswatini for 2021-2025. The overall goal of the UNSDCF is to support "A prosperous, just and resilient Eswatini where no one is left behind". List the **three** priority areas that the UNSDCF intends to offer to the people and Government of Eswatini for 2021-2025 and **indicate the four** interlinked Outcomes that this will achieve during this period. [7 marks]

Total 25 marks

END OF EXAMINATION