



**NAMIBIA UNIVERSITY  
OF SCIENCE AND TECHNOLOGY  
FACULTY OF COMMERCE, HUMAN SCIENCE AND EDUCATION**

**DEPARTMENT OF TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING (DTVET)**

<b>QUALIFICATION:</b> DIPLOMA IN TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING : TRAINER	
<b>QUALIFICATION CODE:</b> 06DTVT	<b>LEVEL:</b> 6
<b>COURSE CODE:</b> ESB620S	<b>COURSE NAME:</b> EDUCATION FOR SUSTAINABLE DEVELOPMENT B
<b>SESSION:</b> JANUARY 2023	<b>PAPER:</b> PAPER 1
<b>DURATION:</b> 3 HOURS	<b>MARKS:</b> 100

<b>SECOND OPPORTUNITY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER(S)</b>	MR DAVID MATEU
<b>MODERATOR:</b>	MANAS REGINALD WESLEY

<b>INSTRUCTIONS</b>
<ol style="list-style-type: none"><li>1. Answer ALL the questions.</li><li>2. Read all the questions carefully before answering.</li><li>3. Number the answers correctly</li></ol>

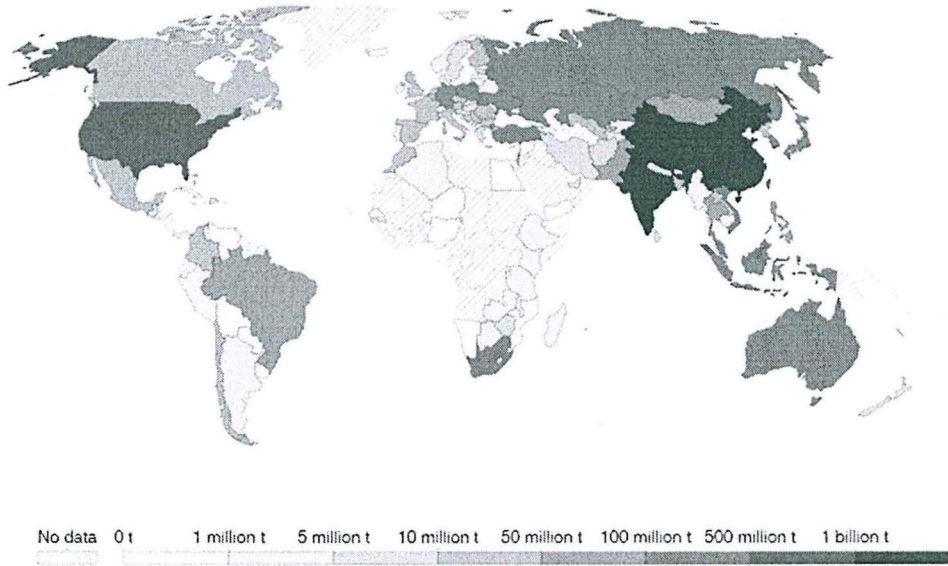
**THIS QUESTION PAPER CONSISTS OF 2 PAGES EXCLUDING THIS COVER PAGE**

## QUESTION 1

The map below shows the global Carbon Dioxide (CO<sub>2</sub>) emission in the year 2020. Study the map below and answer the question.

Annual CO<sub>2</sub> emissions from coal, 2020

Our World  
in Data



Source: Global Carbon Project

OurWorldInData.org/co2-and-other-greenhouse-gas-emissions • CC BY

- A. According to the map, name two parts of the world with the highest Carbon Dioxide emissions in the year 2020. (4 Marks)
- B. Suggest two environmental hazards of emitting Carbon Dioxide (CO<sub>2</sub>). (6 Marks)
- C. According to the map, suggest and discuss one reason why Namibia's Carbon Dioxide (CO<sub>2</sub>) emissions stood at less than 1 million tonnes in the year 2020. (10 Marks)

**[TOTAL MARKS: 20]**

## QUESTION 2

- A. Define environmental conservation and clearly outline any five (5) strategies of environmental conservation. (10 Marks)
- B. Cite one practical example of human activities that contributes to land pollution and suggest one alternative strategy to avoid land pollution. (10 Marks)

**[TOTAL MARKS: 20]**

### QUESTION 3

- A. The role of student-centered in the delivery ESD curriculum. In an academic discussion essay format of one page long; Cite one practical topic in your trade specialization and discuss how you will incorporate ESD in that topic and teach it in a student-centered approach to teaching.

**[TOTAL: 20 MARKS]**

### QUESTION 4

- A. Discuss any role that Education for Sustainable development (ESD) plays in the TVET sector in the context of green TVET. (10 Marks)
- B. In a tabulated format outline and discuss the distinction between RECYCLE and RE-USE by using one practical example. (10 Marks)

**[TOTAL MARKS: 20]**

### QUESTION 5

- A. Outline a few notes on each of the concepts listed below;
- |                   |           |
|-------------------|-----------|
| I. Green Jobs     | (5 Marks) |
| II. Green Skills  | (5 Marks) |
| III. Blue Society | (5 Marks) |
| IV. Green Economy | (5 Marks) |

**[TOTAL MARKS:20]**

**[End of Paper]**

**TOTAL MARKS:100**