



**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> NOVEMBER 2022	<b>PAPER:</b> PAPER 1
<b>DURATION:</b> 3 HOURS	<b>MARKS:</b> 100

<b>FIRST 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

- A. In a tabulated format, distinguish between renewable and non-renewable energy source and give at least five examples on each. (10 Marks)
- B. Discuss the need or the importance to incorporate Education for Sustainable Development (ESD) in the TVET curriculum. (10 Marks)

[TOTAL MARKS: 20]

### QUESTION 2

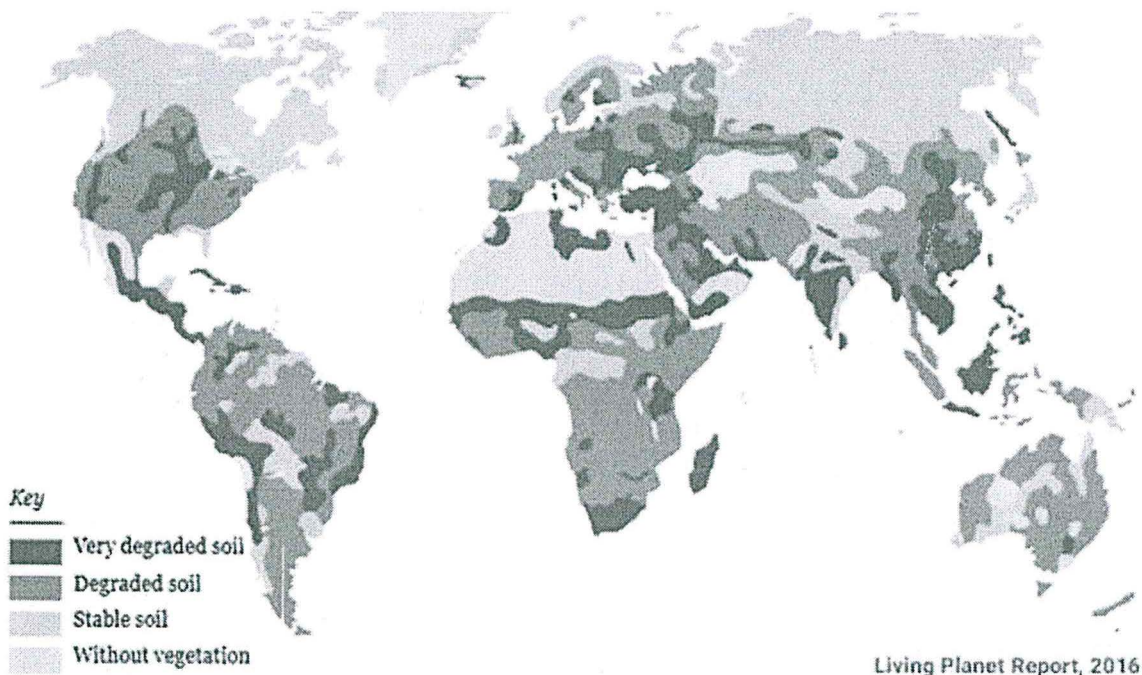
- A. Explain what environmentally friendly technology is and cite one example in your trade that is referred to an example of environmentally friendly technology and elaborate. (5 Marks)
- B. Suggest and discuss one way on how you will incorporate Education for Sustainable Development (ESD) in your class on any topic in your trade. (10 Marks)
- C. Discuss one human activity and its effect on the natural environment. (5 Marks)

[TOTAL MARKS: 20]

### QUESTION 3

Study the map below and answer the questions that follow.

SOIL DEGRADATION ACROSS THE GLOBE

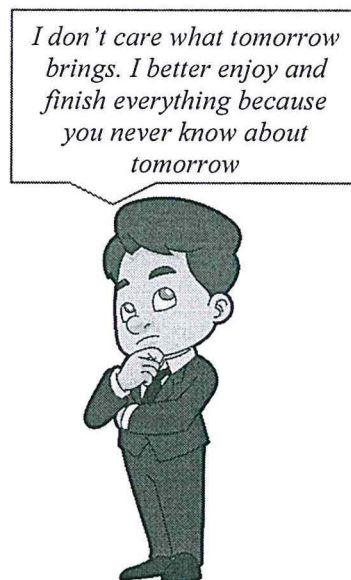


Source: Living Planet report, 2016

- A. According to the map, explain why North of Africa is without vegetation. (3 Marks)
- B. According to the map, cite one part of the globe with the highest activities of soil degradation and discuss the causes of soil degradation in that area. (7 Marks)
- C. Cite any two parts of the globe with stable soil and suggest one reason why the soil is stable in that area. (7 Marks)
- D. Suggest three points why the soil on our globe should be preserved. (3 Marks)
- [TOTAL: 20 MARKS]**

#### QUESTION 4

Study the cartoon below and answer the questions.



Source: Examiner's own depiction

- A. In the concepts of Education for Sustainable Development (ESD), suggest and discuss why you agree or disagree with the thinking of the cartoon above. (10 Marks)
- B. Discuss any five ways on how you will educate the society on the concept of Education for Sustainable Development in reference to the cartoon above. (10 Marks)
- [TOTAL MARKS: 20]**

#### QUESTION 5

- A. From the 17 Sustainable Development Goals (SDGs), discuss one goal of relevance to you by relating it to the TVET sector. (10 Marks)
- B. Outline and discuss any five (5) waste minimization techniques that are of significant importance in the context of Education for Sustainable development. (10 Mark)
- [TOTAL MARKS:20]**

**[End of Paper]**

**TOTAL MARKS:100**