



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

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

<b>QUALIFICATION : DIPLOMA IN TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING : TRAINER</b>	
<b>QUALIFICATION CODE: 06DTVT</b>	<b>LEVEL: 6</b>
<b>COURSE CODE: ESD620S</b>	<b>COURSE NAME: EDUCATION FOR SUSTAINABLE DEVELOPMENT A</b>
<b>SESSION: JANUARY 2025</b>	<b>PAPER: PAPER 1</b>
<b>DURATION: 3 HOURS</b>	<b>MARKS: 100</b>

<b>SECOND OPPORTUNITY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER(S)</b>	MR DAVID MATEU
<b>MODERATOR:</b>	MR JOSEPH KAMWI SUBASUBANI

<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 clearly</li></ol>

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

**QUESTION 1****(TOTAL: 20 MARKS)**

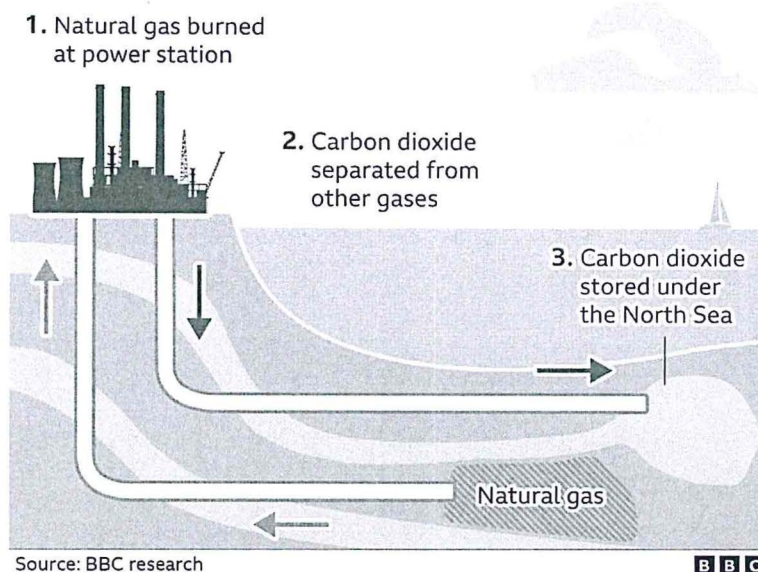
- A. Define the following terminologies. (2X5=10 Marks)
- i. Sustainable Development
  - ii. Eco-friendly technology
  - iii. Re-use
  - iv. Recycle
  - v. Renewable Energy
- B. Give five examples of renewable energy sources. (2X5=10 Marks)

**QUESTION 2****(TOTAL: 20 MARKS)**

- A. Discuss one example of environmentally friendly technology in your trade. (5 Marks)
- B. Illustrate five examples of Green Technology (Green Tech) (5 Marks)
- C. Discuss any human activity and its impact on the natural environment. (10 Marks)

**QUESTION 3****(TOTAL: 20 MARKS)**

Study the following illustration and answer the following questions.

**Carbon capture and storage**

- A. Discuss one environmental impact of Carbon dioxide. (5 Marks)
- B. Explain what is illustrated in the diagram above. (5 Marks)
- C. Mention one consequence that the Carbon dioxide will have on the marine life as depicted in the illustration above. (2 Marks)
- D. Mention one significant use of Carbon dioxide in the natural environment. (2 Marks)
- E. Suggest and discuss one way of managing excessive Carbon dioxide. (6 Marks)

**QUESTION 4****(TOTAL: 20 MARKS)**

- A. List five examples on non-renewable energy. (5 Marks)
- B. Discuss how coal is formed. (5 Marks)
- C. With the use of basic illustration, discuss the greenhouse effect. (10 Marks)

**QUESTION 5****(TOTAL: 20 MARKS)**

Discuss any ten actions to reorientate ESD in our societies.

(2X10=20 Marks)

**TOTAL 100 MARKS**

**END OF PAPER**