



NAMIBIA UNIVERSITY
OF SCIENCE AND TECHNOLOGY

FACULTY OF COMMERCE, HUMAN SCIENCE AND EDUCATION

DEPARTMENT OF TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING (DTVET)

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

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
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MODERATOR:	MR KAMWI SUBASUBANI

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

THIS QUESTION PAPER CONSISTS OF 2 PAGES EXCLUDING THIS COVER PAGE

SECTION A Multiple choice

QUESTION 1

(1 MARK EACH)

1. What is the full meaning of the Acronym SDG?
 - A. Sustainable Development Generation
 - B. Sustainable Development Goal
 - C. Susceptible Development Goal
 - D. Sustained Development Goal
2. Who is responsible for the SDGs to be achieved?
 - A. Government only
 - B. Government, private sector, civil society & general public
 - C. Private sector & civil society only
 - D. General public
3. What are the 3 major aspects involved in SDGs?
 - A. Culture, Economic & Religion
 - B. Social, Economic & Environmental
 - C. Environmental, Power & Money
 - D. Social, Culture & Power
4. It is important that everyone is aware of the SDG goals.
 - A. Individual option
 - B. Yes
 - C. No
 - D. None of the above
5. How many World leaders of the UN member states agreed to the SDGs?
 - A. 150
 - B. 163
 - C. 205
 - D. 193
6. How many are the SDGs?
 - A. 15
 - B. 17
 - C. 21
 - D. 19
7. Is there a difference between SDGs and MDGs?
 - A. Yes
 - B. No
 - C. Not significant
 - D. None of the above
8. How many targets and indicators does the SDGs contain?
 - A. 100 & 120 respectively

- B. 150 & 219 respectively
 - C. 169 & 232 respectively
 - D. 75 & 160 respectively
9. Which of the 17 SDGs are relevant to Agriculture?
- A. SDG 2 only
 - B. SDG 2 & 15
 - C. SDG 12 & 4
 - D. SDG 2, 3 & 15
10. Sustainable Development Goal is also known as
- A. Global Achievement
 - B. Global Goals
 - C. Millennium Development Goals (MDGs)
 - D. None of the above

[TOTAL 10 MARKS]

SECTION B

QUESTION 1

(1 Mark each)

Write down if the following statements are true or false (Write T for True and F for

- A. Sustainable development is development that meets the needs of the present without compromising the ability of the future generations to meet their own needs
- B. Greening TVET is the process of pursuing knowledge and practices with the intention of becoming more environmentally friendly, enhancing decision-making and lifestyle in more ecologically responsible manner.
- C. The integrity of protecting the ocean and its resources is known as Eco-Friendly.
- D. The preservation, protection, or restoration of the natural environment and of wildlife is known as Green Tech.
- E. Re-use is the process of transforming waste materials into raw materials to create entirely new products.
- F. Fossil fuels are good example of renewable energy.
- G. One of the good examples of Green Tech is vertical Farming.
- H. Nuclear energy is an example of renewable energy
- I. GREEN JOB is defined as the knowledge, abilities, values and attitudes needed to live in, develop and support a sustainable and resource-efficient society
- J. OZONE layer act like a blanket in the air, trapping heat in the atmosphere, and warming up the Earth. This layer prevents the Earth from cooling, and thus raises global temperatures

[TOTAL: 10 MARKS]

SECTION C

QUESTION 1

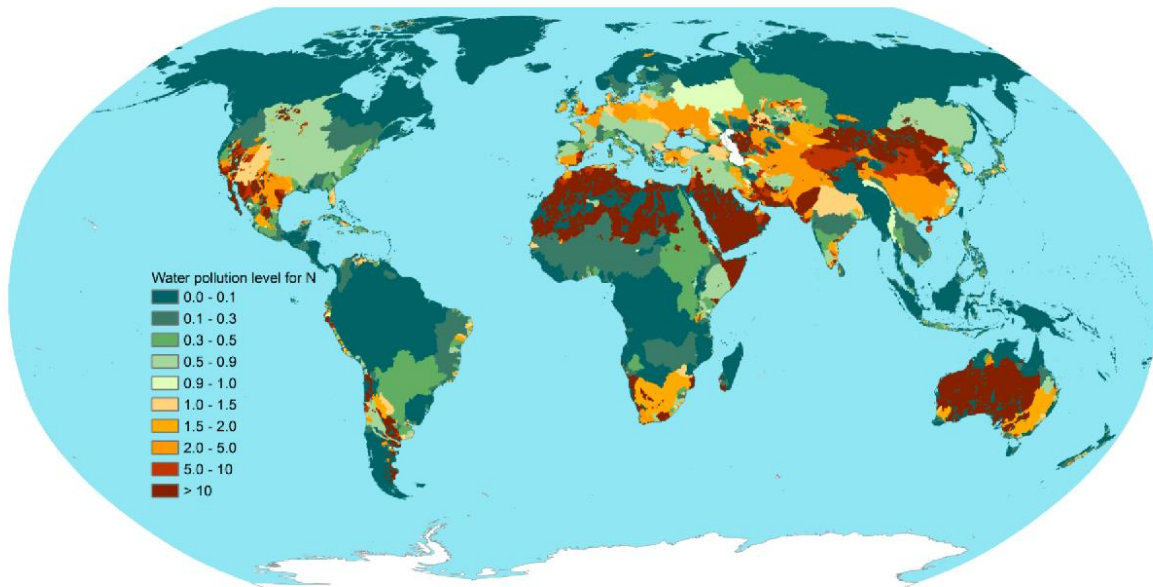
- A. List three pillars of Education for Sustainable Development (3 Marks)
- B. Illustrate one example on each of the pillars you listed in question 2A above
(2 Marks each)
- C. Illustrate any five ways how you will educate the community around you on the concept of Education for Sustainable Development. (5 Marks)
- A. List four examples on each of the following:
 - I. Renewable energy sources (4 Marks)
 - II. Non-Renewable energy sources (4 Marks)
- B. Define the following key words used in the study of Education for Sustainable Development (ESD) (2 Marks each)
 - I. Greening the TVET campus
 - II. Green jobs
 - III. Green skills
 - IV. Greening the TVET curriculum
 - V. Greening the TVET Research agenda
 - VI. Sustainable development goals

[TOTAL MARKS: 30]

QUESTION 2

Study the world map below and answer the questions that follow.

Water Pollution Global Map



Source: Google map image 2025

- A. According to the map, which of the globe is free from water pollution. (2 Marks)
- B. According to map, cite one part of the globe with the highest water pollution. (2 Marks)
- C. Suggest one reason why there is higher water pollution in area you mentioned question B above. (2 Marks)
- D. According to the map what is the water pollution readings for Namibia and suggest one reason for that figure. (5 Marks)
- E. Apart from human sewerages, list any five substances that can pollute clean (5 Marks)
- F. Discuss any four ways on clean water can be protected. (4 Marks)

[TOTAL: 20 MARKS]

QUESTION 4

- A. Discuss any five (5) consequences of improper waste handling. (10 Marks)
- B. Outline and discuss any five (5) waste minimization techniques that relate to sustainability. (10 Marks)
- C. In a table format outline and discuss the distinction between **RECYCLE** and **RE-USE** by using four practical examples on each side of the table. (10 Marks)

[TOTAL MARKS: 30]

[End of Paper]

TOTAL MARKS:100