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 2024	PAPER: PAPER 1
DURATION: 3 HOURS	MARKS: 100

FIRST OPPORTUNITY EXAMINATION QUESTION PAPER	
EXAMINER(S)	MR DAVID MATEU
MODERATOR:	MR JOSEPH KAMWI SUBASUBANI

INSTRUCTIONS
1. Answer ALL the questions.
2. Read all the questions carefully before answering.
3. Number the answers clearly

THIS QUESTION PAPER CONSISTS OF 3 PAGES EXCLUDING THIS COVER PAGE

QUESTION 1 [TOTAL MARKS: 20]

A. List four examples on each of the following: [8 MARKS]
   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). (2X6=12 Marks)
   I. Education for Sustainable Development
   II. Greening the TVET campus
   III. Green jobs
   IV. Green skills
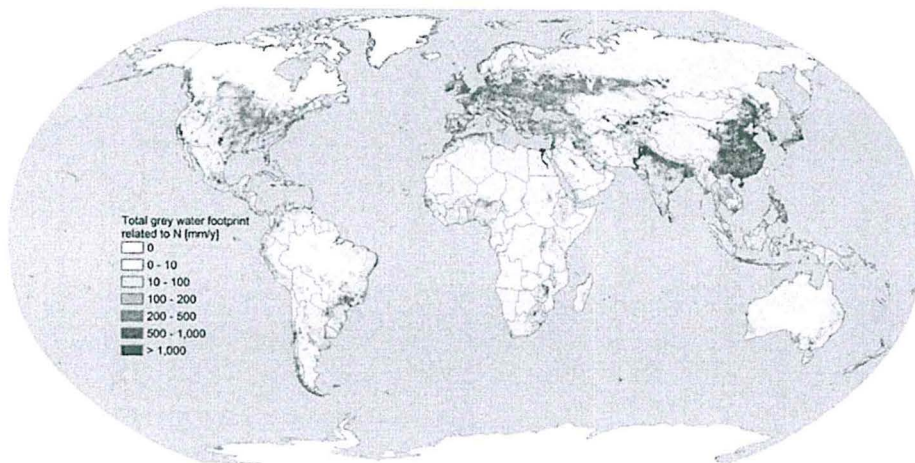   V. Greening the TVET curriculum
   VI. Greening the TVET Research agenda

QUESTION 2 [TOTAL MARKS: 20]

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 (2X3=6 Marks)

C. List any three human activities and describe the effect of each on the natural environment. (2X3=6 Marks)

D. Illustrate any five ways how you will educate the community around you on the concept of Education for Sustainable Development. (5 Marks)

QUESTION 3 [TOTAL: 20 MARKS]

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

Nitrogen Water Pollution Global Map

Source: Google map image 2024

A. According to the map, which of the globe is free from Nitrogen water pollution.

(2 Marks)

B. According to map, cite one part of the globe with the highest activities of Nitrogen water pollution. (2 Marks)

C. According to the map what is grey water footprint readings for Namibia and suggest one reason for that figure. (5 Marks)

D. Apart from Nitrogen, list any five substances that can pollute clean water. (5 Marks)

E. Discuss any three ways on clean water can be protected. (2X3=6 Marks)

QUESTION 4 [TOTAL MARKS: 20]

A. From the 17 Sustainable Development Goals (SDGs), discuss one goal of relevance 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 Marks)

QUESTION 5 [20 MARKS]

A. Cite five practical example of human activities that contributes to land pollution

(5 Marks)

B. Suggest five alternative strategies to avoid land pollution. (5 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)

[End of Paper]

TOTAL MARKS:100