



FACULTY	AGRICULTURE, ENGINEERING AND NATURAL SCIENCES		
QUALIFICATION	B.A. GEOGRAPHY AND ENVIRONMENTAL STUDIES (HONOURS)		
DEPARTMENT	ENVIRONMENTAL SCIENCE		
SUBJECT	ENVIRONMENTAL MANAGEMENT AND GOVERNANCE		
SUBJECT CODE	GSP3800		
DATE	OCTOBER/NOVEMBER 2022		
DURATION	3 HOURS	MARKS	100

UNIVERSITY OF NAMIBIA EXAMINATIONS: SPECIAL/ SUPPLEMENTARY EXAMINATION

Examiner: Ms. Margaret N. Angula (University of Namibia)

External Moderator: Prof M.D. Simatele (University of Witwatersrand)

This paper consists of 3 pages including this cover page.

Answer all questions

Instructions.

1. Work in an orderly manner and present your work neatly.
2. While most of the marks will be awarded for content, candidates are encouraged to use their own ideas to promote critical thinking and demonstrate own understanding of what is being asked for.
3. Number your questions correctly and clearly.
4. Answer all the questions in Sections A
5. Choose and Answer **three (3)** questions in section B

SECTION A **[40]**

Question 1: Explain the following concepts

- 1.1 Community-Based Natural Resource Management (4)
- 1.2 Multi-lateral Environmental Agreement (4)
- 1.3 Ecosystem Approach (4)

Question 2: Critically discuss how climate change impacts and vulnerabilities are gender differentiated. (16)

Question 4: Suppose you are an intern at Bwabwata National Park. You are tasked by your supervisor to draft the wildlife management Strategy for the National Park. Describe how the 12 principles of Ecosystem approach should be integrated into the Bwabwata National Park wildlife strategy. (12)

SECTION B (Choose and answer only 3 questions) **[60]**

Question 5: The Namibian conservancy model (through CBNRM program) has been praised as one of the most successful in Africa. Critically argue how CBNRM program became a success story. In your arguments indicate (i) What worked and what do you think did not work well? (ii) What can other environmental management sectors learn from CBNRM program? (20)

Question 6: Suppose you are creating awareness among all Regional Governors, Mayors, Town CEOs and Chief Regional Officers in Namibia on climate change in order to accelerate climate action. In your awareness content, Critically argue why Namibia is one of the most vulnerable countries in the world to climate change. In your arguments address the following questions: (a) What are the projections for temperature and rainfall in Namibia according to agro-ecological zones of Namibia or its aridity gradient.? (b) What does global warming of 1.5°C and 2°C mean for Namibia? (20)

Question 7: All listed activities in the Environmental Management Act should go through an Environmental Impact Assessment and submit an Environmental Management Plan if it is a project. Suppose you are a young professional attached to the Consultancy that is tasked to conduct an EIA for a proposed dual carriage tared road for trucks to be constructed from Omuthiya to Ruacana design the methodology approach for the EIA study. Explain in-depth all the steps that will be involved in conducting this EIA. (20)

Question 8: Critically discuss the impacts of climate change on water and agriculture in Arid Namibia (Southern and Western Namibia)? In your discussion indicate who is most vulnerable to these impacts? (20)

Question 9: Supposed you are invited to write an opinion piece for the Pan African Newsletter to highlight your views as a youth regarding the integration and consideration of the environmental pillar of sustainability on the Namibian Vision 2030, National Development Plan (NDP) 5 and the Harambee Prosperity Plan (I or II). Produce your opinion piece in this answer where you analytically discuss and argue how you think the environmental pillar of sustainability is considered in Namibian National Plans. (20)

TOTAL MARKS:

[100]