FACULTY	Education		
DEPARTMENT	Early Childhood and Lower Primary Education		
SUBJECT	Environmental Education 2		
SUBJECT CODE	MSP3600		
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DURATION	3 hours	Marks	100

FIRST OPPORTUNITY EXAMINATION

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Moderator: Dr. N. Silo (University of Botswana)

This paper consists of 6 pages, including the cover page

INSTRUCTIONS

- There are three sections A, B, and C.
- All sections are compulsory.
- Answer all the questions
- Clearly indicate the question number in your answer book.
- Write neatly and legibly

	SECTION A QUESTION 1	
1	Choose the correct letter that matches the correct answer, e.g. 1.1. C	
1.1	The tropical savannah climate is also called: a. The tropical cool and dry climate b. The tropical wet arid dry climate c. The tropical warm and dry climate d. The tropical hot and dry climate	[1]
1.2	A place where an organism or a community of organisms' lives, including all living and nonliving factors or conditions of the surrounding environment is called: a. Ecosystem. b. Territory. c. Habitat. d. Biodiversity	[1]
1.3	All arthropods have: a. Two pairs of legs, segmented bodies, and exoskeleton b. Three body parts, jointed legs, and exoskeleton c. Exoskeleton, jointed legs, and segmented bodies d. Body covered with feathers and segmented bodies	[1]
1.4	Many Namibian plants have been used for centuries by indigenous communities for medicinal purposes. Devil's Claw is used to: a. Treat pain, fever, and digestive problems. b. To heal wound burns c. To produce oil for cooking purposes d. For cosmetic purposes	[1]
1.5	The study of the classification of living organisms is called: a. Taxonomy b. Physiology c. Immunology d. Botany	[1]
1.6	Biodiversity has decreased over time because of: a. Reduced human population, climate change, and droughts b. Pollution, variability in rainfall, the introduction of alien invasive species, and climate change c. Climate change, droughts, population increase, and lack of education	[1]

	d. Increased policies and legislations, education, climate change, and pollution	
1.7	Birds are examples of vertebrates that: a. Always have hair and fur b. Are cold-blooded c. Reproduce by internal fertilization d. Have the most complex nervous system of any animals on earth	[1]
1.8	Climate is a. The weather report for the day b. Pattern of weather over a long period c. The changing of weather throughout the day. d. None of the above.	[1]
1.9	Contaminated water can cause a. Waterborne diseases, eutrophication, and increased biodiversity b. Eutrophication, stable food chains and food webs, loss of biodiversity c. Waterborne diseases, eutrophication, loss of biodiversity d. Destruction in ecosystems, increased biodiversity, and waterborne diseases	[1]
1.10	Is the term used to describe a gradual increase in the average temperature of the Earth's atmosphere a. global warming b. greenhouse gasses c. carbon dioxide d. oxygen	[1]
1.11	This fin keeps the fish from rolling over and works along with the anal fin. a. Caudal fin. b. Pelvic fin. c. Pectoral fin. d. Dorsal fin	[1]
1.12	The fast increase in the average global temperature of the Earth's atmosphere. a. Climate change b. Weather c. Global warming	[1]

	d. Season	
1.13	It is made up of the populations of different species occupying a particular local (site or place) and the interactions between them. **a.** Local **b.** Community **c.** Rural **d.** Urban	[1]
1.14	It is a large ecological area characterized by distinct climate, flora, fauna, soils, and geography. **a.** Biomes **b.** Species **c.** Habitant **d.** Land degradation	[1]
1.15	It is a basic unit of biological classification, consisting of individuals that can interbreed and produce fertile offspring. **a.** Habitant **b.** Ecology **c.** Ecosystem **d.** Species	[1]
1.16	Which of these helps in reducing waste? a) Buying more plastic products b) Single-use items c) Composting organic waste d) Burning garbage	[1]
1.17	To survive all living things, need to change according to the environment. This is called…. a. Adaptation b. Maladaptation c. Changing d. Adoration	[1]
1.18	It is the process of a gas cooling to form a liquid a. Cloud b. Condensation c. Steam d. Snow	[1]
1.19	The process of evaporation from plants is called	[1]
	a. Water cycle b. Evaporation c. Transpiration d. None of the above	
1.20	The impacts of global warming in Africa include	[1]
	a. Formation of glaciers and ice caps, floods, droughts, and hurricanes	
	b. Cyclones, heavy rainfall, stable temperatures, and formation of glaciers	
	c. Drought, floods, climate variability, and sea levels rise	

	d. Sea levels rice, no change in rainfall and disruption of habitats	
		[20]
	Question 2	
2	Write only the question number and state whether the statement is True or False	
2.1	All living things can grow and reproduce.	[1]
2.2	Living things cannot respond to their environment.	[1]
2.3	Evaporations occur when so much water has condensed that the air cannot hold it.	[1]
2.4	A tree is a living thing because it grows and makes its own food.	[1]
2.5	The Namibian government, along with non-government organizations and conservancies, has taken impressive steps to safeguard the country's unique wildlife heritage.	[1]
2.6	Ecology is the study of how animals and plants interact with each other and their environment.	[1]
2.7	Overuse of natural resources can lead to environmental problems.	[1]
2.8	Reusing water from sinks and showers is a way to conserve water.	[1]
2.9	Water pollution only affects animals and not humans.	[1]
2.10	Experiments are not important because listening is better than practical.	[1]
2.11	Latitude is a factor that affects climate.	[1]
2.12	Flowering plants can reproduce asexually	[1]
2.13	'*Reduce*' is the best concept of waste minimization that suggests the best way to conserve, is to use less.	[1]
2.14	Plants in the desert have leaves and stems that are thick and waxy covering.	[1]
2.15	The glass was never part of a living entity.	[1]
2.16	A food chain shows how energy flows from one organism to another.	[1]
2.17	Mining is one of Namibia's key economic activities based on natural resources	[1]
2.18	Namibia has plenty of freshwater lakes and rivers that supply water year-round.	[1]
2.19	Agriculture is the largest consumer of water both in Namibia and globally	[1]
2.20	Summative assessment is conducted at the end of a learning period.	[1]
		[20]
		[40]

	SECTION B **QUESTION3**	
3.1	Define the term "environmental education" and explain its importance in promoting conservation.	[7]
3.2	Describe the role of animals in ecosystems and how they contribute to environmental sustainability.	[12]
3.3	Identify and explain three threats to animal life caused by human activities.	[6]
3.4	Suggest practical ways in which learners can be involved in protecting animals and their habitats.	[5]
		[30]
	Section C **Question 4**	
	Select any 'topic 'from the following themes:	
4.1	a. Plants	
4.2	b. Animals	
	c. Weather	
	d. Water	
	Design a lesson plan for the grade of your choice	**[30]**