**Test:** 2021 Ecology & Environmental Science NCE (MS)

| Question 1 of 75  |
|---|
| Which of these creatures is primarily considered a predator?  |
| OA) Plankton  |
| ○ B) Elephant   |
| OC) Termite   |
| OD) Shark   |
| Question 2 of 75  |
| Which chemical is extracted in desalination plants, which create fresh water and are often located in coastal cities? |
| A) Carbon dioxide   |
| ○ B) Nitric acid  |
| C) Sodium chloride  |
| OD) Ammonia   |
| Question 3 of 75  |
| The rate at which an organism uses energy to power and repair itself is known by what term?                           |
| ○ A) Metabolism   |
| ○ B) Metacognition  |
| C) Metadigestion  |
| OD) Metathesis  |

| Question 4 of 75 |  |  |  |  |
|------------------|--|--|--|--|
| The tri          | angular region surrounding the mouth of a river is known by which Greek-letter name?   |  |  |  |
| ( A)             | Alpha  |  |  |  |
| ( B)             | Beta   |  |  |  |
| ( C)             | Gamma  |  |  |  |
| O D)             | Delta  |  |  |  |
| Ques             | tion 5 of 75   |  |  |  |
| On wh            | ich continent would you find the native habitat of the capybara, the world's largest ? |  |  |  |
| ( A)             | Asia   |  |  |  |
| ○ B)             | Australia  |  |  |  |
| ( C)             | South America  |  |  |  |
| ( D)             | Europe   |  |  |  |
| Ques             | tion 6 of 75   |  |  |  |
| Which            | kind of symbiosis occurs when one organism benefits from harming the other?            |  |  |  |
| ( A)             | Amensalism   |  |  |  |
| ( B)             | Commensalism   |  |  |  |
| ( C)             | Mutualism  |  |  |  |
| O D)             | Parasitism   |  |  |  |
| Ques             | tion 7 of 75   |  |  |  |
| Which            | of the following kinds of animals has the most named species?                          |  |  |  |
| ( A)             | Birds  |  |  |  |
| ( B)             | Insects  |  |  |  |
| ( C)             | Fish   |  |  |  |
| ( D)             | Amphibians   |  |  |  |

|                 | Question 8 of 75  |   |  |  |  |
|-----------------|---|---|--|--|--|
|                 | term refers to the use of land for growing crops and tending livestock? |   |  |  |  |
| OA) Xericulture |   |   |  |  |  |
|                 | ( B)  | Agriculture   |  |  |  |
|                 | ( C)  | Monoculture   |  |  |  |
|                 | O D)  | Rural culture   |  |  |  |
|                 | Ques  | stion 9 of 75   |  |  |  |
|                 |   | environmental activists claim that large numbers of birds are killed when which type of able energy is installed? |  |  |  |
|                 | ( A)  | Hydroelectric power   |  |  |  |
|                 | ○ B)  | Solar power   |  |  |  |
|                 | ( C)  | Ocean current power   |  |  |  |
|                 | ( D)  | Wind power  |  |  |  |
|                 | Ques  | stion 10 of 75  |  |  |  |
|                 | Perma   | afrost is found in which biome?   |  |  |  |
|                 | ( A)  | Tropical forest   |  |  |  |
|                 | ○ B)  | Taiga   |  |  |  |
|                 | ( C)  | Desert  |  |  |  |
|                 | ( D)  | Tundra  |  |  |  |
|                 | Ques  | stion 11 of 75  |  |  |  |
|                 |   | Pacific islands are famous for their long-living tortoises and several species of finches d by Charles Darwin?    |  |  |  |
|                 | ( A)  | Hawaiian Islands  |  |  |  |
|                 | ○ B)  | Galapagos Islands   |  |  |  |
|                 | ( C)  | Aleutian Islands  |  |  |  |
|                 | ( D)  | Samoan Islands  |  |  |  |

| Question 12 of 75 |  |  |  |  |
|-------------------|--|--|--|--|
|                   | se of the way they navigate and hunt for food, bats are most likely to be affected by kind of pollution? |  |  |  |
| ( A)              | Light pollution  |  |  |  |
| ( B)              | Plastic pollution  |  |  |  |
| ( C)              | Noise pollution  |  |  |  |
| O D)              | Thermal pollution  |  |  |  |
| Ques              | stion 13 of 75   |  |  |  |
| Beatin<br>world?  | g out even aluminum and glass, which common material is the most-recycled in the                         |  |  |  |
| ( A)              | Plastic  |  |  |  |
| ( B)              | Wood   |  |  |  |
| ( C)              | Steel  |  |  |  |
| ( D)              | Cotton   |  |  |  |
| Ques              | tion 14 of 75  |  |  |  |
| A pers            | son's environmental impact is most often quantified using which body part metaphor?                      |  |  |  |
| () A)             | Headspace  |  |  |  |
| ○ B)              | Legroom  |  |  |  |
| ( C)              | Handful  |  |  |  |
| ( D)              | Footprint  |  |  |  |
| Ques              | stion 15 of 75   |  |  |  |
| Which             | location is the largest desert by area in the world?   |  |  |  |
| ( A)              | Arabia   |  |  |  |
| ( B)              | Sahara   |  |  |  |
| ( C)              | Gobi   |  |  |  |

O) Antarctica

## Question 16 of 75

|          | esence of matching plant fossils in South America and Africa led Alfred Wegener to e what theory about a changing planet? |
|----------|---|
| ( A)     | Big Bang theory   |
| ○ B)     | Theory of relativity  |
| ( C)     | Ice Ball Earth theory   |
| O D)     | Theory of continental drift   |
| Quest    | tion 17 of 75   |
|          | pials such as the wombat and the koala, which carry their young in pouches, are ly found on which continent?              |
| ( A)     | Australia   |
| ○ B)     | Asia  |
| ( C)     | Europe  |
| O D)     | Africa  |
| Quest    | tion 18 of 75   |
| Industri | ial pollution may cause which destructive form of precipitation?  |
| ( A)     | Sleet   |
| ○ B)     | Acid rain   |
| ( C)     | Large hail  |
| O D)     | Virga   |
| Quest    | tion 19 of 75   |
|          | method of dealing with garbage will immediately release carbon and other pollutants atmosphere?                           |
| ( A)     | Burning it  |
| ○ B)     | Burying it  |
| ( C)     | Recycling it  |
| O D)     | Reusing it  |

| Ou    | esti | ٥n | 20  | of | 75    |
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| Which of the following terms is the gradual loss of material from an area over time due to the action of wind or water? |   |  |  |  |  |
|---|---|--|--|--|--|
| () A)   | Deposition  |  |  |  |  |
| ○ B)  | Mass wasting  |  |  |  |  |
| ( C)  | Dunes   |  |  |  |  |
| ( D)  | Erosion   |  |  |  |  |
| Ques  | stion 21 of 75  |  |  |  |  |
| -   | te containing oils that are toxic in large quantities, the koala's diet consists mainly of aves of what plant, native to Australia? |  |  |  |  |
| ( A)  | Eucalyptus  |  |  |  |  |
| ( B)  | Kudzu   |  |  |  |  |
| OC) Nightshade  |   |  |  |  |  |
| ( D)  | Venus fly-trap  |  |  |  |  |
| Ques  | stion 22 of 75  |  |  |  |  |
| Which   | one of the following is considered a marine biome?  |  |  |  |  |
| ( A)  | Savanna   |  |  |  |  |
| ( B)  | Chaparral   |  |  |  |  |
| ( C)  | Coral reef  |  |  |  |  |
| ( D)  | Scrublands  |  |  |  |  |
| Ques  | tion 23 of 75   |  |  |  |  |
| How is  | s it possible for aquatic animals to survive within an ice-covered lake?  |  |  |  |  |
|   |   |  |  |  |  |
| ( A)  | The lake's animals hibernate in the winter months.  |  |  |  |  |
| ( A)<br>( B)  | The lake's animals hibernate in the winter months.  Since ice is less dense than water, the animals survive under the ice.          |  |  |  |  |
| _   |   |  |  |  |  |

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| Not including water vapor, which of these lists includes the three most common gases fou in the air of Earth's atmosphere? |  |   |  |  |  |  |
|--|--|---|--|--|--|--|
| A) Hydrogen, oxygen, helium  |  |   |  |  |  |  |
|  | ○ B)   | Nitrogen, oxygen, argon   |  |  |  |  |
|  | ( C)   | Chlorine, nitrogen, hydrogen  |  |  |  |  |
|  | ( D)   | Oxygen, xenon, helium   |  |  |  |  |
|  | Ques   | tion 25 of 75   |  |  |  |  |
|  | The Ea   | arth's seasons are primarily caused by:   |  |  |  |  |
|  | () A)  | The tilt of Earth on its axis   |  |  |  |  |
|  | ○ B)   | The tidal forces from the moon  |  |  |  |  |
|  | () C)  | How far the Earth is from the sun   |  |  |  |  |
|  | ( D)   | Cycles of solar radiation   |  |  |  |  |
|  | Question 26 of 75  |   |  |  |  |  |
|  | What is the process of bringing water to a dry plot of land for agricultural purposes? |   |  |  |  |  |
|  | ( A)   | Inundation  |  |  |  |  |
|  | ( B)   | Irrigation  |  |  |  |  |
|  | ( C)   | Hydration   |  |  |  |  |
|  | O D)   | Aquation  |  |  |  |  |
|  | Ques   | tion 27 of 75   |  |  |  |  |
|  |  | of these is not a problem caused by an increased number of hard surfaces in urban nments? |  |  |  |  |
|  | () A)  | Urban "heat island" effect  |  |  |  |  |
|  | ○ B)   | Increase in runoff  |  |  |  |  |
|  | ( C)   | Loss of native plant ecosystems   |  |  |  |  |
|  | O D)   | Production of smog  |  |  |  |  |
|  |  |   |  |  |  |  |

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|--------|---|--|--|--|--|
| Ques   | tion 28 of 75   |  |  |  |  |
|        | s the common name given to devices placed on power plants that remove carbon e from the plant's emissions?          |  |  |  |  |
| ( A)   | Wooders   |  |  |  |  |
| ( B)   | Boomers   |  |  |  |  |
| ( C)   | Scrubbers   |  |  |  |  |
| ( D)   | Spongers  |  |  |  |  |
| Ques   | ation 29 of 75  |  |  |  |  |
|        | s the name of the imaginary line which separates rivers that flow into one ocean from that flow into another ocean? |  |  |  |  |
| () A)  | Continental drift   |  |  |  |  |
| ○ B)   | Continental divide  |  |  |  |  |
| ( C)   | Mountain range  |  |  |  |  |
| ( D)   | Fault line  |  |  |  |  |
| Ques   | tion 30 of 75   |  |  |  |  |
| What i | What is the purpose of an electrical transformer in a city's power grid?  |  |  |  |  |
| () A)  | Transforms fossil fuels into renewable energy   |  |  |  |  |
| ( B)   | Protects electrical lines from the weather  |  |  |  |  |
| ( C)   | Creates heat to power steam radiators   |  |  |  |  |
| ( D)   | Reduces electrical voltage for use in homes and husinesses  |  |  |  |  |

# Question 31 of 75

A fungus such as a mushroom is best classified by which of the following terms?

| ( A) | Producer   |
|------|------------|
| ○ B) | Herbivore  |
| ( C) | Decomposer |
| ( D) | Omnivore   |

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| While walking through a tropical rainforest, you may need to clear away vines and branches in your path. Of which layer of the rainforest are these objects a part? |  |  |  |  |
|---|--|--|--|--|
| ( A)  | Forest floor   |  |  |  |
| ○ B)  | Emergent layer   |  |  |  |
| ( C)  | Canopy   |  |  |  |
| ( D)  | Understory   |  |  |  |
| Ques  | stion 33 of 75   |  |  |  |
|   | of the following terms refers to the layer of soil made of partially-decomposed organic such as leaves, sticks, and animal waste?                        |  |  |  |
| () A)   | Clay   |  |  |  |
| ○ B)  | Humus  |  |  |  |
| ( C)  | Silt   |  |  |  |
| O D)  | Sediment   |  |  |  |
| Ques  | ation 34 of 75   |  |  |  |
|   | nan-made structure along the banks of a river that is designed to prevent floodwater amaging land and property is called what name?                      |  |  |  |
| () A)   | Dam  |  |  |  |
| ○ B)  | Levee  |  |  |  |
| ( C)  | Weir   |  |  |  |
|   |  |  |  |  |
| O D)  | Sluice   |  |  |  |
| ,   | Sluice stion 35 of 75  |  |  |  |
| Ques<br>A famo  |  |  |  |  |
| Ques<br>A famo  | ous diagram of carbon dioxide concentrations in the atmosphere over time is  |  |  |  |
| Ques<br>A famo<br>nickna  | ous diagram of carbon dioxide concentrations in the atmosphere over time is amed for its resemblance to which piece of sporting equipment?               |  |  |  |
| Ques<br>A famo<br>nickna  | ous diagram of carbon dioxide concentrations in the atmosphere over time is med for its resemblance to which piece of sporting equipment?  Tennis racket |  |  |  |

|   | Question 36 of 75 |  |  |
|---|-------------------|--|--|
|   | Which             | term refers to the members of a certain species which live together in a defined area?                   |  |
|   | ( A)              | Population   |  |
|   | ( B)              | Community  |  |
|   | ( C)              | Biodiversity   |  |
|   | ( D)              | Clade  |  |
|   | Ques              | tion 37 of 75  |  |
|   |                   | 1990s, a law in the United States was passed protecting which animals from being t in tuna fishing nets? |  |
|   | ( A)              | Whales   |  |
|   | ○ B)              | Jellyfish  |  |
|   | ( C)              | Dolphins   |  |
|   | ( D)              | Manatees   |  |
|   | Ques              | tion 38 of 75  |  |
| In which part of a house would you likely find a detector for radon, a dangerous naturally-occurring radioactive gas? |                   |  |  |
|   | ( A)              | Attic  |  |
|   | ○ B)              | Bathroom   |  |
|   | ( C)              | Basement   |  |
|   | ( D)              | Kitchen  |  |
|   | Ques              | tion 39 of 75  |  |
| Increased use of groundwater is likely to result in which of the following?   |                   |  |  |
|   | () A)             | Rising water table   |  |
|   | ○ B)              | Plastic pollution  |  |
|   | ( C)              | Destruction of bird habitats   |  |
|   | (D)               | Land subsidence  |  |

## Question 40 of 75

| Increased seismic activity has been detected near sites of which controversial active conducted to obtain fossil fuels? |  |  |  |
|---|--|--|--|
| () A)   | Fracking   |  |  |
| ○ B)  | Nuclear power plants   |  |  |
| ( C)  | Fishing  |  |  |
| ( D)  | Building of landfills  |  |  |
| Question 41 of 75   |  |  |  |
|   | ny turtle and crocodile species, the temperature at which eggs are incubated nines what about the resulting offspring?                                   |  |  |
| () A)   | Gender   |  |  |
| ○ B)  | Lifespan   |  |  |
| ( C)  | Size   |  |  |
| ( D)  | Intelligence   |  |  |
| Ques  | stion 42 of 75   |  |  |
|   | n rice and the Flavr Savr tomato are foods produced using what technique which uces new DNA to a species?  |  |  |
| () A)   | Adaptation   |  |  |
| ○ B)  | Grafting   |  |  |
| ( C)  | Genetic modification   |  |  |
| ( D)  | Transcription  |  |  |
| 0 = 7   | Talisonption   |  |  |
| •   | ation 43 of 75   |  |  |
| Ques<br>On the  | ·  |  |  |
| Ques<br>On the  | e IUCN's Red List, which term refers to the category immediately below "endangered"  |  |  |
| Ques<br>On the  | e IUCN's Red List, which term refers to the category immediately below "endangered" ontains species at high risk without human intervention?             |  |  |
| On the and co   | e IUCN's Red List, which term refers to the category immediately below "endangered" ontains species at high risk without human intervention?  Vulnerable |  |  |

| Question 44 of 75   |  |  |
|---|--|--|
| Which term refers to the situation in which a species consumes another organism of same species for food?                                     |  |  |
| <b>A)</b> Entomophagy   |  |  |
| <b>B)</b> Carnivore   |  |  |
| C) Polyvore   |  |  |
| O) Cannibalism  |  |  |
| Question 45 of 75   |  |  |
| Exacerbated by increasing of ice from glaciers?   | ng temperatures, which process is the breaking off of large chunks |  |
| A) Falling  |  |  |
| OB) Cracking  |  |  |
| OC) Diving  |  |  |
| O) Calving  |  |  |
| Question 46 of 75   |  |  |
| Rachel Carson, a former biologist, wrote which 1962 book that detailed the destructive effects of DDT on the environment?                     |  |  |
| A) Silent Spring  |  |  |
| OB) Summer Sunset   |  |  |
| C) First to Fall  |  |  |
| O) Weary Winter   |  |  |
| Question 47 of 75   |  |  |
| What profession is usually responsible for making decisions about land usage, infrastructure projects, and other aspects of design in cities? |  |  |
| A) Architect  |  |  |
| <b>B)</b> Mayor   |  |  |
| C) Urban planner  |  |  |
| OD) Electrical engine   | er   |  |

|  | •   |  |
|--|---|--|
|  | Question 48 of 75   |  |
| In which economic system are most natural resources privately owned with the ensuing profits going to the owner? |   |  |
|  | A) Communism  |  |
|  | ◯ B) Capitalism   |  |
|  | C) Socialism  |  |
|  | OD) Despotism   |  |
|  | Question 49 of 75   |  |
|  | The immediate environment in which an organism lives is known as its:   |  |
|  | A) Ecosystem  |  |
|  | <b>B)</b> Biome   |  |
|  | C) Habitat  |  |
|  | OD) Niche   |  |
|  | Question 50 of 75   |  |
| Using fewer resources to achieve the same result is known by which term?   |   |  |
|  | A) Efficiency   |  |
|  | ○ B) Conservation   |  |
|  | C) Reduction  |  |
|  | OD) Advocacy  |  |
|  | Question 51 of 75   |  |
|  | What is the proposed connection between climate change and the observed increase in the number of hurricanes? |  |
|  | A) Increase in average global wind speed  |  |
|  | Slowing down of circulation near the equator  |  |

OC) Increase in surface water temperature

O) Reduction in ozone layer

## Question 52 of 75

|   | nts at Fukushima, Three Mile Island, and Chernobyl have caused some to be wary of means of producing electricity?          |  |  |
|---|--|--|--|
| () A)   | Hydroelectric power  |  |  |
| ○ B)  | Nuclear power  |  |  |
| ( C)  | Coal power   |  |  |
| ( D)  | Natural gas power  |  |  |
| Ques  | stion 53 of 75   |  |  |
|   | Fed by energy from the sun, which region is made up of all life on Earth and its geological and hydrological surroundings? |  |  |
| ( A)  | Thermosphere   |  |  |
| ○ B)  | Biosphere  |  |  |
| ( C)  | Lithosphere  |  |  |
| O D)  | Stratosphere   |  |  |
| Ques  | stion 54 of 75   |  |  |
| Which of the following would not typically be a part of the large-scale treatment of water for human consumption? |  |  |  |
| ( A)  | Filtering of minerals  |  |  |
| ○ B)  | Stabilization of pH levels   |  |  |
| ( C)  | Addition of chlorine   |  |  |
| O D)  | Boiling the water  |  |  |
| Ques  | stion 55 of 75   |  |  |
| •   | with carbon dioxide, this other potent greenhouse gas is commonly emitted from ls as organic matter decays inside.         |  |  |
| ( A)  | Nitrous oxide  |  |  |
| ○ B)  | Ammonia  |  |  |
| ( C)  | Methane  |  |  |
| ( D)  | Sulfuric acid  |  |  |

|   | Ques    | tion 56 of 75  |  |
|---|---------|--|--|
| Surface chemicals are transported deeper into the soil by the movement of water in a process known by what name?      |         |  |  |
|   | ( A)    | Turbidity  |  |
|   | ○ B)    | Leaching   |  |
|   | ( C)    | Recharge   |  |
|   | ( D)    | Fluorescence   |  |
|   | Ques    | tion 57 of 75  |  |
| Activities such as taking over a whaling ship or donating food to the homeless are considered which kind of activism? |         |  |  |
|   | ( A)    | Sit-in   |  |
|   | ( B)    | Direct action  |  |
|   | ( C)    | Boycott  |  |
|   | ( D)    | Ballot box   |  |
|   | Ques    | tion 58 of 75  |  |
|   | What fo | orm of pollution in the ocean is the main component of a "great patch" in the Pacific? |  |
|   | ( A)    | Oil spills   |  |
|   | ○ B)    | Nuclear waste  |  |
|   | ( C)    | Plastic pollution  |  |
|   | O D)    | Untreated sewage   |  |
|   | Ques    | tion 59 of 75  |  |
|   | Which   | of the following best describes a monoculture?   |  |
|   | () A)   | It only needs to be watered once.  |  |

**B)** It consists of only a single crop.

OC) It is found in only one location on Earth.

OD) It can only be harvested once before replanting.

## Question 60 of 75

| What name is given to a species whose presence in an ecosystem is crucial to the balance of the entire system, such as sea otters within kelp forests? |  |  |  |  |
|--|--|--|--|--|
| () A)  | Core species   |  |  |  |
| ○ B)   | Essential species  |  |  |  |
| ( C)   | Leader species   |  |  |  |
| O D)   | Keystone species   |  |  |  |
| Ques   | stion 61 of 75   |  |  |  |
|  | term refers to an underground collection of water, stored within layers of rock and soil, may be pumped for human usage? |  |  |  |
| ( A)   | Bedrock lake   |  |  |  |
| ○ B)   | Aquifer  |  |  |  |
| ( C)   | Spring   |  |  |  |
| O D)   | Cavern   |  |  |  |
| Ques   | stion 62 of 75   |  |  |  |
|  | rculation of ocean water currents is mainly driven by a combination of what two factors impact the density of the water? |  |  |  |
| ( A)   | Tides and temperature  |  |  |  |
| ○ B)   | Salt content and temperature   |  |  |  |
| ( C)   | Radiation level and salt content   |  |  |  |
| O D)   | Temperature and pollution  |  |  |  |
| Ques   | stion 63 of 75   |  |  |  |
|  | animals are known for traveling upstream to their place of birth in order to spawn the eneration of offspring?           |  |  |  |
| () A)  | Salmon   |  |  |  |
| ○ B)   | Grizzly bears  |  |  |  |
| ( C)   | Turkeys  |  |  |  |
| O D)   | Whales   |  |  |  |

| Question | 64 | of | <b>75</b> |
|----------|----|----|-----------|
|----------|----|----|-----------|

| Which disease was the first to be prevented with a vaccine, derived from cows rather than through exposure to the actual living virus? |   |  |  |
|--|---|--|--|
| ( A)   | AIDS  |  |  |
| ○ B)   | Malaria   |  |  |
| ( C)   | Ebola   |  |  |
| O D)   | Smallpox  |  |  |
| Ques   | tion 65 of 75   |  |  |
| In 199   | 7, the sheep Dolly became world famous for what reason?                 |  |  |
| () A)  | Dolly was born with two heads   |  |  |
| ○ B)   | Dolly was a clone   |  |  |
| ( C)   | Dolly could speak English   |  |  |
| ( D)   | Dolly had her entire genome sequenced                                   |  |  |
| Question 66 of 75  |   |  |  |
| Which of the following bacteria would be evidence of sewage contamination if found in a water supply?                                  |   |  |  |
| ( A)   | H. influenzae   |  |  |
| ○ B)   | L. acidophilus  |  |  |
| ( C)   | C. botulinum  |  |  |
| O D)   | E. coli   |  |  |
| Ques   | tion 67 of 75   |  |  |
| The lo   | ss of water through the leaves of plants into the atmosphere is called: |  |  |
| ( A)   | Evapotranspiration  |  |  |
| ○ B)   | Desiccation   |  |  |
| ( C)   | Fixation  |  |  |
| O D)   | Modulation  |  |  |
|  |   |  |  |

| Question 68 of 75                                  |  |  |
|--|--|--|
| Which of the following is consi                    | dered to be an abiotic factor in the environment?            |  |
| <b>A</b> ) Amount of rainfall                      |  |  |
| <b>B)</b> Number of insects                        |  |  |
| OC) Number of predators                            |  |  |
| OD) Types of plants                                |  |  |
| Question 69 of 75                                  |  |  |
| Which principle explains why a time?               | an ecological niche can only be occupied by one species at a |  |
| A) Cooperation                                     |  |  |
| <b>B)</b> Predation                                |  |  |
| C) Competition                                     |  |  |
| OD) Adaptation                                     |  |  |
| Question 70 of 75                                  |  |  |
| How might a population increase over time?         |  |  |
| A) A constant birth rate ar                        | nd increasing mortality rate.                                |  |
| <b>B)</b> An increasing birth rate                 | e and decreasing mortality rate.                             |  |
| C) A decreasing birth rate                         | and constant mortality rate.                                 |  |
| OD) A constant birth rate ar                       | nd constant death rate.                                      |  |
| Question 71 of 75                                  |  |  |
| If there are too many wolves a wolves will likely: | nd not enough rabbits in an ecosystem, then the number of    |  |
| A) Increase to expand hu                           | nting range  |  |
| OB) Decrease due to lack of                        | of food  |  |
| C) Increase to fend off inv                        | ading predators  |  |
| <b>D)</b> Stay the same                            |  |  |

| Question 72 of 75  |        |  |  |
|--|--------|--|--|
| What is one way in which invasive species can cause problems in an ecosystem?  |        |  |  |
| A) Invasive species don't have natural consumers to control their growth.  |        |  |  |
| ○ B) Invasive species use up all the sunlight.   |        |  |  |
| C) Invasive species can't be used for shelter for animals.   |        |  |  |
| OD) Invasive species die quickly, leaving decomposing matter in the environmen   | t.     |  |  |
| Question 73 of 75  |        |  |  |
| Which is the definition of a watershed?  |        |  |  |
| A) The location at which a water pump is found in a city   |        |  |  |
| ○ <b>B)</b> The region that is drained by a particular stream or river   |        |  |  |
| C) The source of a river   |        |  |  |
| OD) The area that may be flooded by a river  |        |  |  |
| Question 74 of 75  |        |  |  |
| If Luis is growing lettuce using a bed of water in which fish swim and release nutrier their excrement, then what method is Luis practicing? | ıts in |  |  |
| OA) Floriculture   |        |  |  |
| ○ B) Animal husbandry  |        |  |  |
| C) Genetic modification  |        |  |  |
| OD) Hydroponics  |        |  |  |
| Question 75 of 75  |        |  |  |
| Which of the following is a likely impact of an increase in greenhouse gases in the atmosphere?  |        |  |  |
| A) Tropical diseases will be found farther away from the tropics.  |        |  |  |
| Antarctica will expand until it connects to South America.   |        |  |  |
| Ocean levels will drop, causing coastal cities to lose beaches.  |        |  |  |

OD) The air we breathe will have more oxygen, making it easier to breathe.