

Environmental Topics Assessment

1. Which of the following is a major environmental issue caused by human activities?

- a. Earthquakes
- b. Volcanic eruptions
- c. Climate change
- d. Plate tectonics

2. What is the main cause of climate change?

- a. Natural variation in the Earth's climate
- b. Solar activity
- c. Greenhouse gas emissions from human activities
- d. Deforestation

3. What is a primary source of air pollution?

- a. Rivers and lakes
- b. Factories and power plants
- c. Forest fires
- d. Volcanoes

4. What is the major cause of water pollution?

- a. Sewage and wastewater
- b. Agricultural runoff
- c. Natural mineral deposits
- d. Evaporation

5. Which human activity contributes to deforestation?

- a. Recycling
- b. Planting trees
- c. Logging and clearing land for agriculture
- d. Using renewable energy sources

6. What is the term used to describe the decrease in the variety of species in a given area?

- a. Biodiversity loss
- b. Species conservation

- c. Habitat destruction
- d. Overpopulation

7. What is ocean acidification primarily caused by?

- a. Oil spills
- b. Fishing practices
- c. Rising sea levels
- d. Increased carbon dioxide absorption

8. What environmental hazard is associated with prolonged periods of little to no rainfall?

- a. Draughts
- b. Hurricanes
- c. Blizzards
- d. Earthquakes

9. Which of the following is a consequence of floods?

- a. Soil erosion
- b. Desertification
- c. Water scarcity
- d. Heatwaves

10. Overfishing can lead to:

- a. Increased seafood prices
- b. Ocean acidification
- c. Smaller fish populations
- d. Reduced carbon emissions

11. Which of the following is NOT considered an alternative energy source?

- a. Solar power
- b. Nuclear power
- c. Wind power
- d. Fossil fuels

12. What is the primary advantage of nuclear energy?

- a. Low greenhouse gas emissions
- b. Unlimited supply of fuel

Zita Sebre

- c. Low cost
- d. Ability to generate large amounts of waste

13. Which of the following is a renewable energy source?

- a. Natural gas
- b. Oil
- c. Coal
- d. Geothermal energy

14. Which alternative energy source harnesses the power of the sun?

- a. Hydroelectric power
- b. Wind power
- c. Solar power
- d. Biomass energy

15. Which of the following is a downside of relying on nuclear power?

- a. High cost of operation
- b. Increased air pollution
- c. Risk of radioactive waste leakage
- d. Fluctuating energy production

16. What is the term used to describe the practice of catching fish faster than they can reproduce?

- a. Overfishing
- b. Fish farming
- c. Sustainable fishing
- d. Aquaculture

17. Which of the following is a result of deforestation?

- a. Decreased soil erosion
- b. Increased biodiversity
- c. Habitat destruction
- d. Enhanced carbon sequestration

18. What is the primary reason for implementing alternative energy sources?

- a. Water conservation
- b. Reduction of waste generation
- c. Dependence on fossil fuels
- d. Prevention of volcanic eruptions

19. Which of the following is a potential solution to combat climate change?

- a. Increased use of single-use plastics
- b. Stricter environmental regulations
- c. Expansion of coal-fired power plants
- d. Disposal of hazardous waste in oceans

20. Which alternative energy source relies on harnessing the energy of moving water?

- a. Nuclear power
- b. Tidal power
- c. Biomass energy
- d. Geothermal energy

Answer Key

- 1. c
- 2. c
- 3. b
- 4. a
- 5. c
- 6. a
- 7. d
- 8. a
- 9. a

- 10. c
- 11. d
- 12. a
- 13. d
- 14. c
- 15. c
- 16. a
- 17. c
- 18. c
- 19. b

Zita Sebre

20. b