**Practice Test Chapters 1 &6**

**Multiple Choice**

*Identify the choice that best completes the statement or answers the question.*

 **1.** Ecology is the study of

|  |  |
| --- | --- |
| **A)** | plants. |
| **B)** | animals. |
| **C)** | global climate change. |
| **D)** | relationships between organisms and their environment. |
| **E)** | the chemistry of living things. |

 **2.** In 2005, the United Nations suggested human activities are degrading or overusing what percentage of the earth's natural resources?

|  |  |
| --- | --- |
| **A)** | 12% |
| **B)** | 33% |
| **C)** | 47% |
| **D)** | 62% |
| **E)** | 97% |

 **3.** All non-renewable resources can theoretically be

|  |  |
| --- | --- |
| **A)** | converted to nonmetallic minerals |
| **B)** | converted to renewable ones |
| **C)** | exhausted or depleted |
| **D)** | recycled or reused |
| **E)** | alive |

 **4.** If everyone on earth consumed at the same level as the citizens of the U.S., we would need

|  |  |
| --- | --- |
| **A)** | 30% more resources |
| **B)** | 75% more resources |
| **C)** | 100% more resources |
| **D)** | two more earths |
| **E)** | five more earths |

 **5.** Pollution includes

|  |  |
| --- | --- |
| **A)** | detergents dumped into streams |
| **B)** | volcanoes spewing toxic gases into the atmosphere |
| **C)** | CO2 releases from coal burning power plants |
| **D)** | fertilizer runoff from golf courses |
| **E)** | all of these |

 **6.** The crude birth rate is the number of live births per \_\_\_\_ persons in a given year.

|  |  |
| --- | --- |
| **A)** | 50 |
| **B)** | 100 |
| **C)** | 500 |
| **D)** | 1,000 |
| **E)** | 100,000 |

 **7.** Currently, legal and illegal immigration account for approximately how much of the U.S. annual population growth?

|  |  |
| --- | --- |
| **A)** | 100% |
| **B)** | 40% |
| **C)** | 60% |
| **D)** | 20% |
| **E)** | 15% |

 **8.** Globally, women own \_\_\_\_% of the world's land.

|  |  |
| --- | --- |
| **A)** | less than 2 |
| **B)** | 10 |
| **C)** | 18 |
| **D)** | 22 |
| **E)** | 36 |

 **9.** Which of the following is not a goal of *environmental science*?

|  |  |
| --- | --- |
| **A)** | learn how nature works |
| **B)** | learn how the environment affects us |
| **C)** | learn how to deal with environmental problems |
| **D)** | learn how to live more sustainably |
| **E)** | learn how to persuade politicians to enact sustainability legislation |

**10.** Using normally renewable resources faster than nature can renew them is called

|  |  |
| --- | --- |
| **A)** | nutrient cycling |
| **B)** | nutrient deficit |
| **C)** | sustainability |
| **D)** | trade-offs |
| **E)** | degrading natural capital |

 **11.** What percentage of the world's projected increase in population between 2008 and 2050 is likely to come from developing countries?

|  |  |
| --- | --- |
| **A)** | 4% |
| **B)** | 15% |
| **C)** | 56% |
| **D)** | 79% |
| **E)** | 97% |

 **12.** What is the primary difference between renewable resources and nonrenewable resources?

|  |  |
| --- | --- |
| **A)** | how easily they are discovered |
| **B)** | the amount of the resource |
| **C)** | the length of time it takes for them to be replenished |
| **D)** | how fast they are being used up |
| **E)** | none of these |

 **13.** Which of the following would *not* be considered a nonrenewable resource?

|  |  |
| --- | --- |
| **A)** | copper |
| **B)** | oil |
| **C)** | fresh air |
| **D)** | salt |
| **E)** | sand |

**14.** Which of the following is *not* a renewable resource?

|  |  |
| --- | --- |
| **A)** | groundwater |
| **B)** | trees in a forest |
| **C)** | fertile soil |
| **D)** | oil |
| **E)** | crops |

 **15.** Which of the following is an example of reuse?

|  |  |
| --- | --- |
| **A)** | re-melting aluminum cans |
| **B)** | making compost out of kitchen scraps |
| **C)** | using plastic butter tubs to store leftovers |
| **D)** | using waste heat to warm a room |
| **E)** | making paper goods from previously used paper |

 **16.** Which of the following revolutions led to a shift from rural villages to more urban societies?

|  |  |
| --- | --- |
| **A)** | Agricultural |
| **B)** | Industrial-Medical |
| **C)** | Urban-Industrial |
| **D)** | Information-Globalization |
| **E)** | Technology-Sustainability |

 **17.** The average U.S. citizen consumes about \_\_\_\_ times as much as an average citizen of India.

|  |  |
| --- | --- |
| **A)** | 2 |
| **B)** | 5 |
| **C)** | 8 |
| **D)** | 10 |
| **E)** | 30 |

 **18.** How much of the world's population is found in developing countries?

|  |  |
| --- | --- |
| **A)** | 97% |
| **B)** | 52% |
| **C)** | 18% |
| **D)** | 82% |
| **E)** | 44% |

 **19.** How much of the world's total population growth is expected to occur in developing countries?

|  |  |
| --- | --- |
| **A)** | 97% |
| **B)** | 52% |
| **C)** | 18% |
| **D)** | 82% |
| **E)** | 44% |

 **20.** If the human population levels off during the 21st century, it will move from a "J-shaped" curve to what curve shape?

|  |  |
| --- | --- |
| **A)** | N |
| **B)** | I |
| **C)** | S |
| **D)** | P |
| **E)** | C |

**21. 21.** The U.S. population is

|  |  |
| --- | --- |
| **A)** | slowly growing |
| **B)** | slowly declining |
| **C)** | basically stable |
| **D)** | rapidly declining |
| **E)** | rapidly growing |

 **22.** If every woman on earth had no more than an average of 2.1 children during their reproductive years, the human population would continue to rise for how long?

|  |  |
| --- | --- |
| **A)** | 5,000 years |
| **B)** | 150 years |
| **C)** | 50 years |
| **D)** | 20 years |
| **E)** | 5 years |

 **23.** Infant mortality rate refers to the number of children per 1,000 births that die

|  |  |
| --- | --- |
| **A)** | by their fifth birthday |
| **B)** | before their first birthday |
| **C)** | before six months |
| **D)** | in their first month |
| **E)** | before birth |

 **24.** Since 1955 the global life expectancy has risen to

|  |  |
| --- | --- |
| **A)** | 47 years |
| **B)** | 52 years |
| **C)** | 67 years |
| **D)** | 72 years |
| **E)** | 77 years |

 **25.** According to a United Nations study, how many environmental refugees were there in the year 2005?

|  |  |
| --- | --- |
| **A)** | 100,000 |
| **B)** | 1,000,000 |
| **C)** | 5,000,000 |
| **D)** | 25,000,000 |
| **E)** | 50,000,000 |

