

## AP Environmental Science

### Human Population Dynamics released AP questions (1999, 2003, 2008)

Name: \_\_\_\_\_

Questions 1-3 refer to the table below, which shows population, area, and energy use of several countries.

Country	Population (millions)	Approximate Total Land Area (million km <sup>2</sup> )	Total Annual Electricity Usage (10 <sup>10</sup> kWh)
Australia	19.7	8.2	22
Bangladesh	144	0.14	1.6
China	1,295	9.6	150
Ethiopia	70	1.12	0.20
India	1,000	3.29	60
United States	300	9.63	400

- The country with the highest population density is
  - Australia
  - Bangladesh**
  - China
  - Ethiopia
  - India
- The country with a population about three times that of the United States is
  - Australia
  - Bangladesh
  - China
  - Ethiopia
  - India**
- Which of the following practices would have the biggest impact on achieving global sustainability?
  - Recycling aluminum cans
  - Using fuel-efficient vehicles
  - Replanting deforested areas
  - Reducing human population size**
  - Developing ecotourism venues
- As a country goes through the demographic transition, the greatest rate of population growth takes place during which phase?
  - The preindustrial
  - The pretransitional
  - The transitional**
  - The industrial
  - The postindustrial
- Which of the following is a true statement about the total fertility of a society?
  - The total fertility of a society is the difference between the crude birth rate and the crude death rate.
  - The total fertility of a society is the number of children necessary for a couple to replace themselves in the next generation.
  - The total fertility rate of a society is positively correlated with the average education of women.
  - The total fertility rate of a society is negatively correlated with the number of women of child-bearing age.
  - The total fertility of a society decreases as the society progresses through the demographic transition.**
- Which of the following is the best description of a population that has a stable age distribution?
  - A large population that is growing at a constant rate
  - A large population with a negative growth rate
  - A population that is in the early stages of logistic population growth
  - A growing population in which the proportions of individuals in the different age classes remain constant**

# Environmental Science Ap Multiple Choice Answers

**Arturo Cuomo**



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