

DEFINE intrinsic growth

DEFINE total fertility rate (TFR)

STATE the reason for the high rate human population in the last 8000 years

STATE the formula that can be used to estimate population size

STATE the current population growth rate of the world

STATE the percentage of the world population that lives in an urban setting

STATE the percentage of the world's resources consumed by those in an urban setting

STATE when birth rates fall during the stages of demographic transition

LIST benefits of higher genetic diversity within a species

LIST factors that would effect a country's population growth

LIST factors that would effect a world's population growth

OUTLINE the shapes of a graph depicting exponential growth or logistic growth

OUTLINE the shapes of the three survivorship curves

OUTLINE the competitive exclusion principle

OUTLINE resource partitioning

OUTLINE the shape age structure diagrams in developed and developing nations

OUTLINE the relationship between life expectancy, child mortality and affluence

OUTLINE sustainable development

DESCRIBE carrying capacity

DESCRIBE different points on a logistic growth curve

DESCRIBE mimicry

DESCRIBE keystone species, pioneer species, climax species

DESCRIBE the impact of population growth when women are educated

DESCRIBE the impact of population growth when women delay childbearing

DESCRIBE the demographic transition

IDENTIFY a density independent or dependent factor from a list of choices

IDENTIFY examples of symbiotic relationships (mutualism, competition, predation etc)

IDENTIFY pioneer species from a list of choices

IDENTIFY succession as either primary or secondary from written description

IDENTIFY the reason why the world population overall has avoided food deficits

CALCULATE carrying capacity given data

COMPARE exponential growth and logistic growth

COMPARE r and k selected species

COMPARE primary and secondary succession

COMPARE the 3 different shapes found in age structure diagrams

DISCUSS how local decisions can have global impacts

EXPLAIN the shapes of a graph depicting exponential growth or logistic growth

EXPLAIN the shapes of the three survivorship curves

EXPLAIN the IPAT equation/model

PREDICT the possible outcomes an inbreeding depression

PREDICT a populations future size based upon current population growth data

ANALYZE age structure pyramids to answer question(s)