

AP[®] Environmental Science 1999 Sample Student Responses

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A) a Resource is Renewable if the resource docsout deplete the supply of wind power is a renewable resource of the wind Docs wind from blowing. non rene. tiere are finite supplies of because they are being depleted resource use is higher in developed countries than undeveloped ones. Manufaction consumer goods uses my Up massive amounts in the production, transportation & disposal of the products everyy is consined a resources are a feel is used for shipping plastics manufactured for packaging & land degraded by landfills Disposal. in developing countries thunting a farming one the main ways of life not consumption of manufacture acceds. Heating with wood stoves does clopleto forests but doesn't use resources to the degree of thick fossil trul surning Plants Also Most things are not disposed of and disposal isn't a major issue () as A Sustainable resource is one that can be used an at a certain rate undefinetly because it continues to regenerate and is not depleted Sustainable agriculture means using that I

of flarming with methods like terracing row (rapping a limited uniquation sor the land is it overly degrade on enoded findight food is produced for sirvival but not too much so the land would be rendered use land in a short time

D) belying by oil of coal companies stops the development of Reasearch into renewable power.

Sil companies pay huge amounts of maney to influence the government of stop renewable resource development.

Recently the Monopoly on power Companies has been broken and competition is available. Some Companies after energy the from only renewable resources such competition in the power industry allows the Consumer to choose of support was renewable energy.

(a) a renewable resource is one that can be replenished. For example, sunlight For example, coal and is exhaustale heavy metals (mercury + lead (b) Total resource Des capita is much use greater in developed in developing countrie Developed countries n housebloeds, & business, + factories, for consumption, agriculture, + rec things such as surimming pools. De countries, on the other hand, have a great conied for acquired the use per capita. The countries cannot afford some of the Country that has already been developed is used agriculture + personal consumption Leveloping countries also Value their greatness . While le résource (c) Sustainable talinas surpassingthe sustainable yell (The a of a resource that can be taken with

depleting it. An example is to the former to make over forces are shouldn't had a time it could be sustained and never depleted.

(a) The clean an act of 1940 forces excess amounts of nitroom oxides and sulfur oxides to be kept out of the atmosphere so as to not further pollute and thus harm the centronment and its habitats. However, this act also allows for trading amongst businesses for their pollution rights. So if one factory is not producing its maximum pollutant yield jit may sell their extra to another company so that they can pollute more.

a) Resources may either be nonrenewable or renewable meaning that sources + supplies may be replenished over time e is only a spec this planet, and are no specific example of a is fuelwood. Trees can continue regrow as long as numans of exploit them past their level of yield. a nonsenewable resource do not because as we continue nine amount of oil is decreasing sapically and there is no way to increase the supplies (except to wait millions of years.) countries alarm amounts of rene to noneneurable ones States uses the largest amount of oil i middle east, where countries are developing. Thise countries use larger amounts of renewable supersources, such as biomass.
Sustainable resource use is using a resource sustainable yield. This at or below its be to consumed at rates For nonrenewale resources it is used at minute amounts

Jos example, if thees were cut at their
Sustainable rivered, per every tree cut, only or
more trees would be planted to palance out
our impact. That is sustainable resource use
of trees,

a) a practice facilitating the progress of
Sustainable resource use is recycling paper.
By recycling paper, less trees must be
harvested, + therefore a more sustainable asown
amount remains + less trees must be produce impeding the progress of
austainable resource ase is the operation
of cars dependent upon gas. This increases
the amount of oil mined - refined, and
one day soon supplies will no longer