

1. What are the three fundamental properties of toxic waste?

- (1) It is usually synthetic or inorganic, and therefore it persists in the environment for a long period of time.**
- (2) There are a variety of mechanisms to move it through the physical environment and ecosystems.**
- (3) Exposure to even small amounts causes adverse health effects in living organisms.**

2. Describe three adverse effects of agriculture on the environment.

- (1) Soil erosion leading to reduced agricultural productivity and reduced water quality.**
- (2) Excessive use of water for irrigation.**
- (3) Pollution from use of pesticides and fertilizers.**
- (4) Loss of habitat and biodiversity when land is converted to agriculture.**
- (5) Increased emissions of greenhouse gases such as methane and carbon dioxide.**

3. Describe three policies commonly employed in developing countries that lead to environmental degradation.

- (1) Subsidization of energy inputs.**
- (2) Subsidization of water used for crop irrigation.**
- (3) Subsidization of fertilizers and pesticides.**
- (4) Subsidization of timbering and grazing.**
- (5) Exemption of public sector pollution.**
- (6) Inefficient management of public lands.**