What are the three major categories of risk for human health?

 disease -

What is the difference between an acute and a chronic disease?

 chronic disease -

 acute diseases -

How is the economic development level of a country related to disease?

What is the difference between historical and emergent infectious diseases?

 epidemic -

 pandemic -

 Plague -

 Malaria -

 Tuberculosis -

 emergent infectious diseases -

 Acquired Immune Deficiency Syndrome (AIDS) -

 Human Immunodeficiency Virus (HIV) -

 Ebola hemorrhagic fever -

Which diseases that affect humans are transmitted from animals to humans?

 mad cow disease -

 prions -

 bird flu -

 West Nile virus -

What is the outlook for disease in both developing and developed nations?

What are some of the beneficial ways humans use chemicals?

What is the impact on humans of each of the five major types of chemicals?

 Neurotoxins -

 Carcinogens -

 Mutagens -

 Teratogens -

 Allergens -

 Endocrine disruptors -

How are chemical and biological risks related?

Why is it difficult to test the potential effects of chemicals on humans?

 Dose-response studies -

 acute studies -

 LD50

 sublethal effects -

 ED 50 -

 chronic studies -

How does route of exposure influence toxicity?

 epidemiology -

 retrospective studies -

 prospective studies -

 synergistic interactions -

 routes of exposure -

How does solubility affect exposure to chemicals?

 solubility -

Compare bioaccumulation and persistence to one another.

 biomagnification -

 persistence -

Why is risk acceptance the most complex and difficult of the three steps in risk analysis?

 environmental hazard -

What is the difference between the innocent-until-proven-guilty principle and the precautionary principle?

 innocent-until-proven-guilty principle -

Why might the United States be resistant to the precautionary principle approach?

 precautionary principle -

 Stockholm Convention -

 REACH -