

## Document 5

... Millions of children in developing nations die from diseases like pneumonia, measles and diarrhea that claim twice as many lives each year as AIDS. Vaccines prevent these basic illnesses. Bill Gates pledges billions of dollars to vaccinate the world's children. Problem solved. But it's not that easy.

Money alone won't rid dirty water of parasites that can blind and cripple. It won't fix bad roads that keep people from getting care. It won't end the political corruption and violent unrest that erase health advances. It won't stop a population explosion that contributes to poor health. It can't even prevent a rat from gnawing through the power cord of a refrigerator used to store vaccines in a remote West African clinic....

In late 1998, Gates donated \$100 million to create a program dedicated to getting new and underused vaccines to children in the poorest countries. A year later, he gave a stunning \$750 million to help launch a new superstructure for improving childhood vaccinations, the Global Alliance for Vaccines and Immunization (GAVI)—a coalition of international public health agencies, philanthropists and the pharmaceutical industry....

Gates knows that vaccines can't do it all, not when a regional hospital in Nigeria draws its water from an open pit in the ground. Or where a 6-year-old Ivory Coast boy with a leg twisted by polio faces a life of begging because his mother couldn't afford a trip to a clinic for vaccines. Or where a broken board on a bridge can halt the shipment of medicine for days....

Source: Tom Paulson, "Bill Gates' war on disease, poverty is an uphill battle,"  
*Seattle Post-Intelligencer*, March 21, 2001

### 5a According to Tom Paulson, what is *one* situation that makes it difficult to reduce childhood diseases in developing nations?

#### Score of 1:

- States a situation that makes it difficult to reduce childhood diseases in developing nations according to Tom Paulson

*Examples:* using water drawn from open pits in the ground; dirty water; parasites in water; bad roads that delay or prevent care; political corruption; violent unrest; population explosion; rats gnawing on power cords to refrigerators where vaccines are stored; lack of money for trips to clinics; damaged bridges can halt the shipment of medicine; the remoteness of some clinics

#### Score of 0:

- Incorrect response  
*Examples:* Bill Gates pledged billions of dollars; AIDS killed more people than other diseases; vaccines prevent basic illnesses; coalition of international public health agencies; there was a global alliance; health advances; Gates knows that vaccines can't do it all
- Vague response  
*Examples:* vaccinations; water; remote; power cords; money
- No response