

Reading Comprehension

Introduction: What is the Science of Pandemic?

The word “pandemic” comes from the Greek pandēmos, which means “all people”.

A pandemic is an epidemic that has spread over a whole country or region. The three most important factors that determine whether an epidemic will turn into a pandemic are the virulence of the disease, the population density, and how easily it is transmitted. A highly infectious and highly deadly virus could be a potential pandemic with the potential to spread globally.

Understanding Epidemiology and Prevention

Epidemiology is the study of the distribution and determinants of health-related states or events in specified populations. The term 'epidemic' is often used to refer to an increase, often sudden, in the number of cases of a disease above what is normally expected in that population.

The primary objective of epidemiology and prevention is to identify and analyze factors associated with health issues, such as diseases and injuries, so as to improve healthcare practices.

How Climate Change Affects Pandemics

Climate change is a global issue that has a huge impact on our environment and society. It is a major factor in the spread of diseases, as well as the development of new ones.

The effects of climate change have been seen in many places, especially in Africa. In Africa, climate change has worsened the spread of diseases such as malaria and dengue fever. This is because mosquitoes thrive in warm weather and they are able to transmit these diseases more easily when there are more people outdoors during warmer months.

In addition to this, climate change can lead to an increase in food insecurity, which can also affect public health. For example, drought conditions make it hard for people to grow their own food or buy it from markets at reasonable prices, which can lead to malnutrition and starvation.

Reading Comprehension

1. How do you define a pandemic?
2. What is the microbe involved in the pandemic?
3. What is Epidemiology?
4. Write a few notes on climate change.
5. How did climate change affect the spread of diseases in Africa?
6. Are you convinced that climate change is a fact? Describe.

