**Why do we fall Ill?**

**What is health?**

**Health is therefore well-being to function physically, Mentally, Socially.**

**What is disease?**

**Disease is uncomfortable. Dis = disturbed**

**Disease and Its cause**

1. **What does disease look like**

**When you get affected by any disease your any did not work properly these gave rise to symptoms and Sign.**

**Sign: -When a person effected by any disease and that disease can be visible for others. These are known as the sign. Some example cold, chicken pox.**

**Symptoms: -When a person effected by any disease and it wall fell by herself only not any sign that being unhealthy. These are known as Symptoms. Some examples are Fever, AIDS etc.**

1. **Acute and chronic Disease**

**Some diseases are only for a very short period of time. These diseases are known as acute disease. Some Example is Common cold and Fever.**

**Some diseases are for long period of time. These diseases are known as chronic Disease. Some example is Cancer, AIDS, and Asthma.**

1. **Chronic Disease and poor Health**

**Any Disease which causes our body will affect our health. This is because all function is necessary for our body for being healthy. But an acute disease which is over very soon will not have time to cause major effects on general health, while a chronic Disease effect general Health.**

**There chronic diseases have very drastic long term effect on the human health as compared to acute disease.**

1. **Infectious and non-infectious Disease**

**Infectious diseases are disease caused by any Microbes. This is because micro-organism can spread in the community.**

**Non-infectious Disease**

**Non-infectious Disease is diseases which are not done the external agent like Microbes. Instead they are created inside our body such as cancer happen by the inappropriate function of the tissues.**

**Infectious Disease**

**These classifications are based on the common characteristics between different organisms. Organism that can cause disease can been find a wide range. Some are viruses, some are bacteria, some are fungi, and some are single celled organism. Some are also caused by multicellular organisms, such as worms of different kinds.**

**Some common example of disease caused by viruses is cold, AIDS and Dengue fever. Disease like typhoid, fever, cholera and anthrax are caused by the bacteria. Many common skin infections are caused by different kinds of fungi. Protozoan microbes can cause familiar disease such as malaria and kalazar. Some diseases are also caused by worms that are elephantiasis.**

**All viruses, for example, live inside host cells, whereas bacteria vary rarely do. Viruses’ bacteria and fungi multiply very quickly, while worms multiply very slowly. All bacteria are closely related to each other. This mean that important life process are similar in the bacteria group not this virus.**

**Antibodies, Antibodies commonly blocked the biochemical pathways important bacteria. Many bacteria cell-walls are to protect themselves. Antibiotic penicillin stops the process of building the cells these result the cells die easily. Human cells walls didn’t affect with the penicillin. Many antibiotics work against species of bacteria rather than simply working against one.**