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Home Assignment

1. Why is immune system essential for our health?

The immune system of our body is a kind of defense mechanism to fight against pathogenic microbes. It has cells that are specialized to kill infecting microbes and keep our body healthy.

2. Why vaccination is considered as prevention of diseases?

Vaccines induce a specific immune response in the body. This response also produce memory cells which persist in the body even in the absence of pathogen. If the pathogen attacks the body again, the immune system with the help of memory cells recognise it and destroy it before it causes the disease. Therefore vaccination is considered as prevention of disease.

3. Becoming exposed to or infected with an infectious with an infectious microbes does not necessarily mean developing noticeable disease.

Becoming exposed to or infected with an infectious with an infectious microbes does not necessarily mean developing noticeable disease because the immune system of our body is normally fighting off microbes. Our body have cells that are fighting off microbes. Our body have cells that are microbes or foreign body enters our system, these cells become active & kill the microbes that could cause any damage to the body. These immune cells manage to kill of the infectious & a person doesn't get disease.