

(1)

Important Qns. And Ans.

Q - Why do some children fall ill more frequently than others living in the same locality?

Ans:- Frequency of falling ill depends on strength of the body's immune system to fight common pathogens. Due to poor immune system, some children fall ill frequently. Balanced diet and proper nutrition for healthy body is required to have a strong immune system.

Q - Why should we always cover our nose while sneezing?

Ans:- Microbes present in our lungs and respiratory tracts can spread through tiny droplets thrown out during sneezing. Anyone standing close-by can inhale air containing these droplets and get infection. Therefore we should always cover our nose while sneezing.

Q - Why is AIDS considered to be a 'Syndrome' and not a disease?

Ans:- 'HIV' which causes AIDS when enters into body via sexual contact or blood transfusion spreads all over the body through lymph nodes. This virus damages the immune system and due to this body can no longer fight off minor infections. Instead, every small disease like cold can become pneumonia or minor gut infection can become severe diarrhoea with blood loss.

(2)

The effect of disease becomes very severe and complex, leads to the death of person suffering from AIDS. Hence there is no specific symptoms of AIDS but it results in a complex disease. Therefore it is known as Syndrome.

Q - why is it considered important to study the different categories of infectious agents?

Ans:- The infectious agents have been categorised, as these organisms are important factors in deciding the kind of treatment to be used to treat the disease caused by them.

Q - why there is no use of giving vaccine of Hepatitis A virus?

Ans:- As the majority of children in many parts of India are exposed to the virus causing Hepatitis A, they are already immune to Hepatitis A by the time they are five years old. So there is no use of giving vaccine.

Q - why is making anti-viral drugs more difficult than making antibacterial medicines?

Ans:- Viruses have very few biochemical pathways/mechanisms. Medicines are effective in checking the biochemical mechanisms, that is why antiviral medicines cannot be made easily.

(3)

Q - Why are good economic conditions needed for individual health?

Ans: Proper and sufficient food is necessary for good health. This food can be have only by spending money. Spending money depends upon earning. So one should take effort for proper earning for getting all nutritious food.

Q - Why is vaccination considered a prevention of diseases?

Ans: Vaccines induce a specific response in the body. This response also produce memory cells which persists in body even in the absence of pathogens. 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.

Q - Why are we normally advised to take bland and nourishing food when we are sick?

Ans: The immunity of body decreases during disease or infection. Therefore, bland & easily digested food is eaten and nourishing food helps in strengthening the immune system and regeneration of cells and tissue.

