

written by iasexam.com | 01/03/2023

About

Acquired Immunodeficiency Syndrome, also known as AIDS, is a chronic condition brought on by the Human Immunodeficiency Virus (HIV).

Causes

- HIV is a virus that targets the immune system, specifically CD4 cells, which are essential for preventing infections.
- It mostly spread from mother to child during pregnancy, childbirth, or breastfeeding through unprotected sexual contact and sharing needles or syringes.

Symptoms

- Despite the fact that the virus continues to cause damage to the immune system, many HIV-infected individuals do not experience any symptoms for years.
- Fever, fatigue, weight loss, night sweats, swollen lymph nodes, and recurrent infections are all signs of HIV progression.





Treatment

- Although antiretroviral therapy (ART) can slow the virus's progression and improve quality of life, there is currently no cure for HIV or AIDS.
- It involves taking a number of medications at different points in the virus's life cycle to stop it from reproducing and causing damage to the immune system.
- Because the virus continues to exist in reservoirs throughout the body, the medications must be taken on an ongoing basis.
- The virus weakens an individual's immune system and causes AIDS, which kills them.

HIV Facts & Figures

- According to the AIDS Society of India, India has 2.35 million HIVpositive people, ranking third.
- In India, there were 58,960 AIDSrelated deaths and 69,220 new HIV infections in 2019.
- According to the 2020 UNAIDS Report, AIDS-related deaths and new HIV infections in the Asia-Pacific region have decreased by 29% and 12%, respectively, over the past decade.

