

Checklist

What you should know

After studying this subtopic you should be able to:

- Identify the categories of pathogens.
- Describe the role of the skin and mucous membranes in primary defence of the body.
- Explain the process of clotting of blood.
- Differentiate between innate immune system and adaptive immune system.
- State the role of phagocytes in controlling infection.
- Explain the role of lymphocytes in adaptive immune responses.
- Recall that antigens trigger antibody production.
- Explain the activation of B-lymphocytes by helper T-cells.
- Outline the role of activated B-lymphocytes in production of sufficient quantities of antibodies.
- Describe the role of memory cells in immunity.
- Describe the means of transmission of HIV.
- Study the effect of the virus on the functioning of the immune system (lymphocytes)
- State the role of antibiotics in controlling bacterial infections.
- Infer the causes of bacterial resistance.
- Explain the transmission of zoonotic diseases.
- Explain the role of vaccines in developing immunity.
- Describe the interdependence of a population in building herd immunity.
- Evaluate data related to COVID-19 pandemic.

