

Viruses and Cellular Defence Checktest

1. What is the coat that surrounds a virus composed of?
2. What is found enclosed within a virus?
3. Describe the process that occurs immediately after viral coats are synthesised when a human cell is invaded by a virus?
4. What type of white blood cell is primarily involved in the non-specific response and how do they help fight off disease?
5. What is the name of the type of white blood cell that is primarily involved in the specific immune response?
6. What structures made of protein are found on the surface of viruses and bacteria that invade the body?
7. What does the body produce to inactivate pathogenic organisms?
8. Describe how pathogenic organisms are inactivated?
9. Following a transplant operation, tissue rejection can occur. Explain why this occurs.
10. What treatment is given to prevent tissue rejection?
11. Name one substance that plants can produce to kill pathogenic microorganisms.
12. Name one substance that plants can produce to kill insects.
13. Name one way that plants can isolate or form a protective barrier against insects or Microorganisms.