Name _____

Unraveling the Diagnosis: Understanding How Infectious Diseases Are Detected

Multiple Choice Questions

1. What is the purpose of a clinical examination in diagnosing infectious diseases?

A) To perform microbiological cultures

B) To assess a patient's symptoms and medical history

C) To detect the genetic material of pathogens

D) To visualize abnormalities in the body

2. Which laboratory test detects antibodies produced by the immune system?

A) Microbiological cultures

B) Molecular tests

C) Serological tests

D) Antigen tests

3. What is the main advantage of molecular tests for diagnosing infectious diseases?

A) Rapid results

B) Ability to grow pathogens

C) Detection of antibodies

D) Visualization of tissue damage

4. Which imaging technique uses X-rays to visualize abnormalities in the body?

A) Computed tomography (CT) scan

B) Magnetic resonance imaging (MRI)

C) Biopsy

D) X-ray

5. When might a biopsy be performed in the diagnosis of infectious diseases?

A) To detect antibodies

B) To grow pathogens

C) To visualize tissue damage

D) To take a tissue sample for microscopic examination