Teacher Answer Key

Case Study

1. The fungus releases chemicals that affect the ant's nervous system, making it climb vegetation and bite down on leaves.

2. Scientists study Cordyceps to understand how parasites control behavior, which helps advance the field of biology.

Multiple Choice

1. B

2. C

3. A

Matching

1-C, 2-D, 3-B, 4-E, 5-A

Fill-in-the-Blank

1) Cordyceps, 2) Toxoplasma gondii, 3) Rabies

Short Answer (Sample Responses)

Q1: Because parasites can manipulate behavior in ways that seem unnatural, similar to zombies in fiction.

Q2: To ensure they reach the next stage of their life cycle by moving into the right host.

Q3: It helps reveal how parasites interact with nervous systems and can inspire medical or scientific discoveries.