Teacher Answer Key

Case Study

1. Juno is a live-find dog trained and rewarded for locating living people, and almost no one was found alive after the first day. Working dogs also read their handlers closely, so Marisol's exhaustion and grief would reinforce Juno's sense that the search was going wrong.
2. A staged find restores the dog's motivation and lets her keep working, but it rewards a false result and could confuse her training. Either answer can be defended as long as it weighs the dog's effectiveness against the risk of teaching her the wrong lesson.

Multiple Choice

1. B
2. C
3. D

Matching

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

Fill-in-the-Blank

1) olfactory, 2) sniffs, 3) comparison

Short Answer (Sample Responses)

Q1: Dogs fit into voids too small for a person, move quickly across unstable surfaces, and read scent instead of relying on sight. That let one dog cover in minutes an area that would take a line of workers hours to search by hand.
Q2: Injuries could be treated on site by the veterinary teams, but a live-find dog that stops believing it can succeed stops searching effectively. Motivation was the part of the dog's performance that the handlers could not simply bandage.
Q3: Without a comparison group, researchers could not tell whether illnesses in the deployed dogs came from the dust or would have appeared anyway. The control dogs show what normal aging and illness look like in similar working animals.