Error Diagnosis - Finding and Fixing Agent Mistakes Answer Key

1. Delivery Robot in Trouble

b) The robot's sensors are confusing trash cans for buildings; fix them with better image recognition.

Explanation: The robot is "seeing" trash cans as delivery spots, so the problem is in perception, not action or energy.

2. Chatbot Misunderstanding

a) The chatbot's perception (language understanding) is poor; fix it by training with more examples of cancellation requests.

Explanation: The chatbot misread "cancel" as "add," showing a flaw in natural language understanding.

3. Vacuum Robot Gets Lost

d) Both a and c are correct.

Explanation: The robot is stuck because it doesn't sense what areas are clean (*sensor flaw*) and it also lacks a good strategy to plan coverage (*reasoning flaw*).

4. Health App Overreacts

a) The app's reasoning rules are too sensitive; fix them by adjusting thresholds for alerts.

Explanation: The sensors worked (heart rate spike was real), but the rules overreacted to a normal event.