Teacher Answer Key

Case Study

1. The assessment tests research strategy, source evaluation, analytical synthesis, and independent memo writing. Kwame's AI-assisted academic work produced grades without developing those skills, so the assessment exposed the gap that grades concealed.

2. The pattern reflects the reading's point that academic credentials have become unreliable signals of actual skill because AI assistance allows students to produce high-quality submitted work without developing the underlying competencies. Multiple sectors report this same credential-to-skill mismatch.

Multiple Choice

1. A

2. B

3. C

Matching

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

Fill-in-the-Blank

1) sense, 2) reasoning, 3) gaps

Short Answer (Sample Responses)

Q1: Both experiences feel like acquiring knowledge, but only the actual research practice develops the skills of source evaluation, search strategy construction, and synthesis of conflicting evidence. Reading a summary answers a question; doing the research builds the capacity to answer future questions independently.

Q2: Reasoning governs how all other skills are used, so a reasoning failure produces errors regardless of how much content knowledge a person has. The specific AI risk is that students may accept AI-generated text that simulates reasoning as actual reasoning, which means they cannot evaluate or correct it and are being confidently misled without knowing it.

Q3: Students who have relied on AI may receive strong grades and feel prepared, but those signals are unreliable if the grades reflect AI performance rather than their own. The actual skill deficit only becomes visible in high-stakes, no-AI environments like job assessments or professional work, by which point the student has already committed to a path based on false confidence.