Teacher Answer Key

Case Study

1. The case illustrates the literacy dimension: both schools had some form of AI access, but only the suburban school students were taught to evaluate AI output critically. The reading distinguishes capability access from literacy access, and this case shows that literacy access is equally important and less likely to be distributed equitably.

2. Well-resourced schools are integrating AI literacy quickly because they have infrastructure, trained teachers, and funding. Under-resourced schools lack all three. The reading shows this repeats a historical pattern where every major educational technology has produced unequal outcomes because the schools serving the students who need it most are least equipped to deliver it. Structural educational inequality precedes and shapes AI literacy inequality.

Multiple Choice

1. C
2. B
3. B

Matching

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

Fill-in-the-Blank

1) consumer, 2) metropolitan, 3) compounded

Short Answer (Sample Responses)

Q1: Democratizing implies broad, equal access, but using AI tools effectively requires internet connectivity, compatible devices, subscription fees, and literacy skills to evaluate AI output. None of these requirements are equally distributed, so the tools are accessible to some while creating new barriers for others who cannot meet all conditions.

Q2: The immediate inequality is that current graduates compete in a labor market where AI fluency is already an asset, and those without it are already disadvantaged. The generational inequality is that children of displaced workers grow up in reduced-income households with compounded barriers to the education that would make them competitive in the AI economy, extending the disadvantage into the next generation.

Q3: Researchers propose subsidized AI access for under-resourced schools, professional development for teachers in low-income districts, and formal AI literacy curricula for students who need it most. The reading notes the pace of AI development is currently outrunning equitable access deployment, meaning the gap is being created faster than policy can close it.