Teacher Answer Key

Case Study

1. Priya's literature background trained her to understand how language works, analyze what makes communication effective or ineffective, and evaluate the quality and appropriateness of written content. These are exactly the skills prompt engineering and AI content training require — the reading confirms that effective prompting combines writing skill, understanding AI model behavior, and domain expertise.

2. Priya would likely land toward the domain expert end of the spectrum because her English literature background gives her specialized knowledge in language and content quality that basic labelers lack. Her pay would reflect that expertise — she can evaluate nuanced writing quality, tone, and appropriate content in ways that someone with no writing background cannot.

Multiple Choice

1. C
2. A
3. D

Matching

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

Fill-in-the-Blank

1) 335,000, 2) red, 3) offset

Short Answer (Sample Responses)

Q1: Without domain expertise, a technically skilled prompt engineer might get technically correct outputs that are wrong for the specific business context or miss important errors in specialized content. Without technical literacy, a domain expert might not understand how to structure prompts to get the AI to produce the outputs they need, wasting time and getting inconsistent results.

Q2: In high-stakes fields, errors have serious consequences — a wrong medical diagnosis, a flawed legal argument, or ineffective educational content can harm real people. AI cannot reliably evaluate its own outputs in these fields because it lacks the experiential judgment that comes from real-world clinical, legal, or educational practice. Human experts bring contextual knowledge and accountability that AI currently cannot.

Q3: For the positive scenario, companies and workers would need access to retraining programs, the economy would need to grow enough that new AI-related industries create demand for labor, and the distribution of AI benefits would need to include workers displaced from lower-wage roles. If new jobs are concentrated among highly educated workers in major cities while displaced workers lack retraining resources, the net effect could still be increased inequality.