Teacher Answer Key

Case Study

1. Garlic in hot oil goes from fragrant to burnt in roughly twenty seconds, and that moment cannot be paused once it starts. Kenji was doing prep work that should have been finished before any heat was applied, so the pan was cooking while his attention and hands were somewhere else.

2. Mise en place would have had the peppers already sliced and sitting in a bowl, so the cooking phase would have been pure assembly with nothing left to cut. Saying aloud who was prepping and who was cleaning would have exposed that each partner assumed the other was handling the vegetables.

Multiple Choice

1. C

2. D

3. A

Matching

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

Fill-in-the-Blank

1) Mise en place, 2) backward, 3) landing

Short Answer (Sample Responses)

Q1: A lab period is a hard deadline that cannot be extended, and cooking contains moments like garlic in hot oil that cannot be paused for prep. Front-loading every cut and measurement means the fast phase is pure assembly, which is the only way a complex dish fits inside a fixed period.

Q2: Cleaning happens during dead time that already exists while food simmers, bakes, or rests, so it costs almost no additional minutes. A clear station also removes the hunting, the missing landing space, and the buried tools that slow the cook down later and create hazards.

Q3: A kitchen is noisy and full of blades and hot pans, so a message has to be understood instantly and identically by everyone. Fixed calls carry a specific meaning and a specific expected response, such as holding still, while ordinary conversation can be missed or interpreted several ways.