Teacher Answer Key

Case Study

1. A tilted glass sheet reflects light from a hidden actor offstage, making the actor appear as a glowing ghost that seems to float in the scene.

2. The illusion works because it uses simple physics to create a truly convincing effect that continues to inspire fear and wonder in audiences across generations.

Multiple Choice

1. A

2. D

3. C

Matching

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

Fill-in-the-Blank

1) Rapidly, 2) Fire, 3) Glass

Short Answer (Sample Responses)

Q1: Because low and sudden sounds trigger strong startle responses and emotions.

Q2: By using safe materials, fire codes, emergency exits, and training while still creating illusions.

Q3: It shows physics principles like sound waves, optics, and pressure applied for cultural experiences.