Teacher Answer Key

Case Study

1. Universal design argues spaces should be usable across ages and abilities without special adaptation, and the reading lists curbless showers and lever handles as examples that benefit everyone. A wider doorway and a step free shower help anyone carrying laundry, recovering from an injury, or moving furniture, so the changes are not a special accommodation.

2. The reading says the majority of design work is specification, measuring, revising, and solving problems after the drawing is approved, and that people who thrive find the constraint interesting. Jae's budget and the twenty eight inch doorway forced three different solutions, and the design decision only became clear once he tested the options against those limits.

Multiple Choice

1. A

2. B

3. C

Matching

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

Fill-in-the-Blank

1) forecasting, 2) universal, 3) grading

Short Answer (Sample Responses)

Q1: Most of the work in both fields is specification, sourcing, measuring, revising, and coordinating with the people who build things, not the initial creative flourish. Students who only enjoy the drawing discover late that the constraint driven half is the majority of the job.

Q2: Software is the easy half to learn, while employers want to see the thinking that connects a problem to a solution rather than only a final image. Both careers require defending a design to a client or committee, so the person who can explain a choice usually beats the prettier drawing.

Q3: Aging demographics push design toward universal and accessible choices as more households want homes that work through later life. Remote and hybrid work permanently changed what employers want from office space and what homeowners want from a spare bedroom.