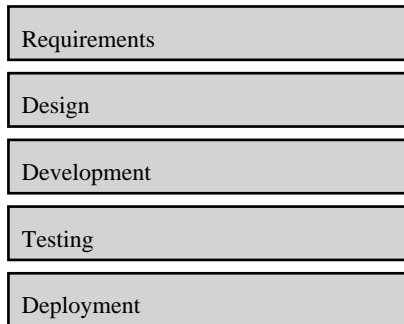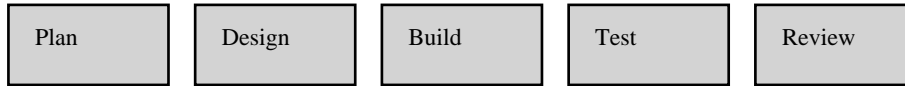# 1. Waterfall Methodology

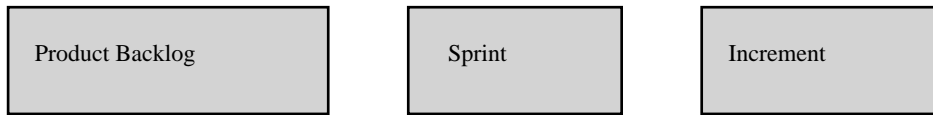Requirements

Design

Development

Testing

Deployment

Definition, meaning, advantages, disadvantages, need, usage, timing, and usefulness explained clearly for structured projects.

2. Agile Methodology

Plan	Design	Build	Test	Review

Definition, meaning, advantages, disadvantages, need, usage, timing, and usefulness explained clearly for flexible projects.

3. Scrum Framework

Product Backlog	Sprint	Increment

Definition, meaning, advantages, disadvantages, need, usage, timing, and usefulness explained clearly for rapid delivery projects.