



# Software deign Quiz1Questions with Solution

Software Design (City University of Hong Kong)

**CS435**  
**Software Engineering**

**Quiz 1 Solutions**

1. Software is a product and can be manufactured using the same technologies used for other engineering artifacts.

- a) True
- b) False

Answer: b (Section 1.1)

2. Software deteriorates rather than wears out because

- a) Software suffers from exposure to hostile environments
- b) Defects are more likely to arise after software has been used often
- c) Multiple change requests introduce errors in component interactions
- d) Software spare parts become harder to order

Answer: c (Section 1.1)

3. WebApps are a mixture of print publishing and software development, making their development outside the realm of software engineering practice.

- a) True
- b) False

Answer: b (Section 1.2)

4. Which of the items listed below is not one of the software engineering layers?

- a) Process
- b) Manufacturing
- c) Methods
- d) Tools

Answer: b (Section 1.3)

5. Software engineering umbrella activities are only applied during the initial phases of software development projects.

- a) True

**b)** False

Answer: b (Section 1.4)

6. Which of these are the 5 generic software engineering framework activities?

**a)** communication, planning, modeling, construction, deployment

**b)** communication, risk management, measurement, production, reviewing

**c)** analysis, designing, programming, debugging, maintenance

**d)** analysis, planning, designing, programming, testing

Answer: b (Section 1.4)

7. Planning ahead for software reuse reduces the cost and increases the value of the systems into which they are incorporated.

**a)** True

**b)** False

Answer: a (Section 1.5)

8. The essence of software engineering practice might be described as understand the problem, plan a solution, carry out the plan, and examine the result for accuracy.

**a)** True

**b)** False

Answer: a (Section 1.5)

9. In agile process models the only deliverable work product is the working program.

**a)** True

**b)** False

Answer: b (Section 1.6)

10. Most software development projects are initiated to try to meet some business need.

**a)** True

**b)** False

Answer: a (Section 1.7)