

## Quiz CS06

### Question 1

Which structure is used to show how software elements are assigned to hardware processing elements?

Question 1Answer

- a.  
Component-and-connector structure
- b.  
Layered structure
- c.  
Module structure
- d.  
Allocation structure

#### Feedback

The correct answer is: Allocation structure

### Question 2

What style is used in the Development View?

Question 2Answer

- a.  
Deployment style
- b.  
Booch style
- c.  
Garlan and Shaw's Architecture styles
- d.  
Layered style

#### Feedback

The correct answer is: Layered style

### Question 3

What is the main problem with architecture documents according to the material?

Question 3Answer

- a.  
They are too simple.
- b.  
They are only used by developers.
- c.  
They do not address the concerns of all stakeholders.
- d.  
They are written in multiple languages.

#### Feedback

The correct answer is: They do not address the concerns of all stakeholders.

Question **4**

What structure would be most appropriate for a system with cooperating clients and servers?

Question 4Answer

- a.  
Implementation structure
- b.  
Concurrency structure
- c.  
Client-server structure
- d.  
Process structure

Feedback

The correct answer is: Client-server structure

Question **5**

What type of view is the Logical view according to Kruchten's four views?

Question 5Answer

- a.  
Component-and-connector view
- b.  
Module view
- c.  
Allocation view
- d.  
Deployment view

Feedback

The correct answer is: Module view

Question **6**

What is the relation called in the process structure?

Question 6Answer

- a.  
Generalization
- b.  
Uses
- c.  
Attachment
- d.  
Inheritance

Feedback

The correct answer is: Attachment

Question **7**

Who are the primary viewers of the Development View?

Question 7Answer

- a.  
System Engineers
- b.  
Integrators
- c.  
Programmers and Software Managers
- d.  
End-users

Feedback

The correct answer is: Programmers and Software Managers

Question **8**

What is a structure in software architecture?

Question 8Answer

- a.  
A representation of software elements and their relationships
- b.  
A view of runtime behavior
- c.  
A deployment view of software
- d.  
A set of elements as they exist in software or hardware

Feedback

The correct answer is: A set of elements as they exist in software or hardware

Question **9**

The "inside-out" strategy for views starts with which structure?

Question 9Answer

- a.  
Logical structure
- b.  
Development structure
- c.  
Physical structure
- d.  
Process structure

Feedback

The correct answer is: Logical structure

Question **10**

Which architectural structure supports reasoning about collections of similar behavior or capability?

Question 10Answer

a.

Uses

b.

Class, or generalization

c.

Decomposition

d.

Deployment

Feedback

The correct answer is: Class, or generalization