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Q&A

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Exam : CPSA-FL

**Title : ISAQB Certified
Professional for Software
Architecture -Foundation
Level**

Version : DEMO

1.What are the four key terms in common definitions of software architecture? (Choose four.)

- A. Source code
- B. Building Blocks
- C. Functionality
- D. Relationships
- E. Components
- F. Requirements
- G. Interfaces

Answer: B,D,E,F

2.What role does understandability play for architecture documentation? (Choose three.)

- A. It is desirable, but not essential.
- B. It is less important than completeness.
- C. It is an important quality characteristic.
- D. It is a quality characteristic together with correctness and efficiency.
- E. It is a quality characteristic together with simplicity and brevity.
- F. It is a quality characteristic together with scope and completeness.

Answer: C,D,E

3.HOTSPOT

Which statements regarding top-down and bottom-up design are true? (Assign all answers.)

true	false	
☐	☐	A) Top-down and bottom-up design may be employed in the same project.
☐	☐	B) Top-down requires that details be ignored initially.
☐	☐	C) Architects leave the bottom-up design to developers.
☐	☐	D) Generally, architects should work top-down.
☐	☐	E) Bottom-up design means to proceed from the abstract to the concrete.
☐	☐	F) Different ideas about top-down and bottom-up approaches constitute a potential for conflict.

Answer:

true	false	
☐	☒	A) Top-down and bottom-up design may be employed in the same project.
☐	☒	B) Top-down requires that details be ignored initially.
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☐	☒	E) Bottom-up design means to proceed from the abstract to the concrete.
☐	☒	F) Different ideas about top-down and bottom-up approaches constitute a potential for conflict.

4.HOTSPOT

Which statements with regard to project objectives and architectural objectives are true and which are

false? (Assign all answers.)

- | true | false | |
|-----------------------|-----------------------|---|
| ☐ | ☐ | A) Architectural objectives and project objectives need to be identical. |
| ☐ | ☐ | B) Most of the time, architectural objectives are of a more long-term nature than project objectives. |
| ☐ | ☐ | C) Architectural objectives and project objectives need to be negotiated between the concerned parties. |
| ☐ | ☐ | D) Architectural objectives are a subset of project objectives. |

Answer:

Explanation:

- | true | false | |
|----------------------------------|----------------------------------|--|
| ☐ | ☒ | A) Architectural objectives and project objectives need to be identical. |
| ☒ | ☐ | B) Most of the time, architectural objectives are of a more long-term nature than project objectives. |
| ☐ | ☒ | C) Architectural objectives and project objectives need to be negotiated between the concerned parties |
| ☐ | ☒ | D) Architectural objectives are a subset of project objectives. |

5.HOTSPOT

How does management and architects work together? Decide which statements are true and which are false. (Assign all answers.)

- | true | false | |
|-----------------------|-----------------------|---|
| ☐ | ☐ | A) The project plan from management is influenced by architectural decisions. |
| ☐ | ☐ | B) Cost estimates are primarily the responsibility of the architect. |
| ☐ | ☐ | C) Architects advise project management on the definition of work packages. |
| ☐ | ☐ | D) Management and architects cooperate on handling of technical risks. |

Answer:

- | true | false | |
|----------------------------------|----------------------------------|---|
| ☐ | ☒ | A) The project plan from management is influenced by architectural decisions. |
| ☐ | ☒ | B) Cost estimates are primarily the responsibility of the architect. |
| ☐ | ☒ | C) Architects advise project management on the definition of work packages. |
| ☒ | ☐ | D) Management and architects cooperate on handling of technical risks. |