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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.)

| false |   |
|-------|---|
| 0     | A) Top-down and bottom-up design may be employed in the same project.                           |
| 0     | B) Top-down requires that details be ignored initially.   |
| 0     | C) Architects leave the bottom-up design to developers.   |
| 0     | D) Generally, architects should work top-down.  |
| 0     | E) Bottom-up design means to proceed from the abstract to the concrete.                         |
| 0     | F) Different ideas about top-down and bottom-up approaches constitute a potential for conflict. |
| er:   |   |
| false |   |
| 0     | A) Top-down and bottom-up design may be employed in the same project.                           |
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| 0     | F) Different ideas about top-down and bottom-up approaches constitute a potential for conflict. |
|       | o o o o o o o   |

#### 4.HOTSPOT

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

# false? (Assign all answers.)

| true | false |   |
|------|-------|---|
| 0    | 0     | A) Architectural objectives and project objectives need to be identical.                                |
| 0    | 0     | B) Most of the time, architectural objectives are of a more long-term nature than project objectives.   |
| 0    | 0     | C) Architectural objectives and project objectives need to be negotiated between the concerned parties. |
| 0    | 0     | D) Architectural objectives are a subset of project objectives.   |

## Answer:

## **Explanation:**

| true | false |  |
|------|-------|--|
| 0    | 0     | A) Architectural objectives and project objectives need to be identical.                               |
| 0    | 0     | B) Most of the time, architectural objectives are of a more long-term nature than project objectives.  |
| 0    | 0     | C) Architectural objectives and project objectives need to be negotiated between the concerned parties |
| 0    | 0     | 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 |   |
|-------|-------|---|
| 0     | 0     | A) The project plan from management is influenced by architectural decisions. |
| 0     | 0     | B) Cost estimates are primarily the responsibility of the architect.          |
| 0     | 0     | C) Architects advise project management on the definition of work packages.   |
| 0     | 0     | D) Management and architects cooperate on handling of technical risks.        |
| Answe | r:    |   |
| true  | false |   |
| 0     | 0     | A) The project plan from management is influenced by architectural decisions. |
| 0     | 0     | B) Cost estimates are primarily the responsibility of the architect.          |
| 0     | 0     | C) Architects advise project management on the definition of work packages.   |
| 0     | 0     | D) Management and architects cooperate on handling of technical risks.        |