

MCQS on Architecture and Architectural Styles

1. The architecture is
 - a) an operational software
 - b) a representation
 - c) Both a and b
 - d) None of the above
2. Architecture is representation used for
 - a) Analyse the effectiveness of the design
 - b) Look for architectural alternatives
 - c) Reduce the risks
 - d) All of the above
3. Set of work products that reflect different views of the system is called
 - a) Architectural description
 - b) Architectural styles
 - c) Architectural decisions
 - d) None of the above
4. In customer view the architecture is
 - a) guide to proceed with design
 - b) clear understanding of requirements
 - c) understand other aspects of software
 - d) none of the above
5. Semantic models are used
 - a) to perform required system functions
 - b) for the integration of components
 - c) for the communication, coordination among components
 - d) to understand the overall properties of a system
6. In which architectural style input data are to be transformed into output data through a series of computational components.
 - a) Data-centred
 - b) Object-oriented
 - c) Data-flow
 - d) Layered
7. In which architectural style the structure of the software can be easily modified and scale.
 - a) Data-centred
 - b) Call and return
 - c) Data-flow
 - d) Layered
8. In which architectural style components can modify, update, add, delete data at data store.
 - a) Data-centred
 - b) Call and return
 - c) Data-flow
 - d) Layered

9. In which architectural style communication and coordination among the components takes place via message passing.

- a) Data-centred
- b) Object-oriented
- c) Data-flow
- d) Layered

10. In layered architecture, which of the following layers provide operating system functions.

- a) Intermediate layers
- b) Inner layers
- c) Outer layers
- d) None of the above

Key:

1.b 2.a 3.c 4.b 5.d 6.c 7.c 8.a 9.b 10.b