

Software Architecture Spring 2019

Review Test Submission: Architecture evaluation

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Subject	Software Architecture Spring 2019
Test	Architecture evaluation
Started	6/09/19 3:22 PM
Submitted	6/09/19 3:48 PM
Status	Completed
Attempt Score	8 out of 10 points
Time Elapsed	26 minutes out of 30 minutes
Results Displayed	Submitted Answers, Incorrectly Answered Questions

Question 1

1 out of 1 points



What are the most important goals of a software architecture evaluation

Selected Answers: Determine if the software will work
Determine if the software can fail

Question 2

1 out of 1 points



The architecture Trade-off analysis method (ATAM) is based on functional requirements.

Selected Answer: False

Question 3

1 out of 1 points



Why is it advisable to evaluate an architecture during or after its development?

Selected Answer: We misunderstand, we make mistakes, we forget things so we should use some way to find the mistakes we have made.

Question 4

1 out of 1 points



A HAZOP analysis of an architecture can only be conducted once the architecture is complete.

Selected Answer: False

Question 5

1 out of 1 points



The ATAM participants include the architecture team, the project decision makers but do not usually include the stakeholders.

Question 6

1 out of 1 points



The activities of an ATAM review, after the initial preparation has been completed, include which of the following?

Selected Answers: The architecture is reviewed against a selection of prioritised scenarios.
The architecture is described to an appropriate level.
The business drivers (Objectives, constraints and risks) are presented.

Question 7

1 out of 1 points



A likely source of errors for software architects is that they and the customer may have different concepts of the problem.

Selected Answer: True

Question 8

1 out of 1 points



A HAZOP analysis is a formal inspection of an architecture requiring formal documentation.

Selected Answer: True

Question 9

0 out of 1 points



Which of the following are usually produced by or during an ATAM review?

Selected Answers: A set of risks and non-risks
A set of sensitivity and trade-off points.
A concise presentation of the architecture
A revised architecture
A collection of scenarios mapping architectural decisions to quality requirements.

Question 10

0 out of 1 points



Which of the following are the essential activities of a HAZOP analysis?

Selected Answers: Causes and consequences of each deviation are investigated.
The team selects system interconnections or components to analyse.