15.01.2024 12:00 Quiz #11: Deneme incelemesi

Başlangıç Cuma, 5 Ocak 2024, 12:54 ÖS

Durum Biten

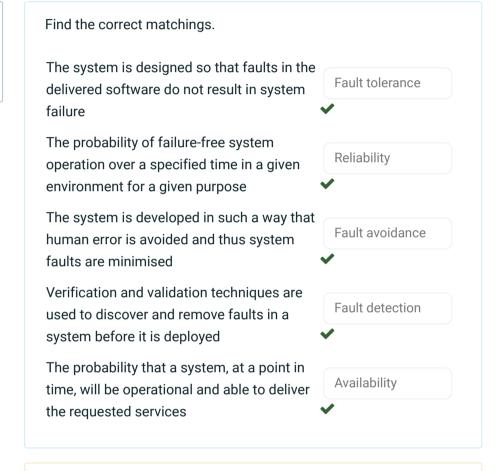
Tamamlanma Cuma, 5 Ocak 2024, 1:04 ÖS

Geçen süre 9 dk 40 sn

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Not 10,00 üzerinden **10,00** (**100**%)

Soru **1**Doğru
5,00 üzerinden 5,00
notunu ver



Cevabınız doğru.

Doğru cevap:

The system is designed so that faults in the delivered software do not result in system failure \rightarrow Fault tolerance,

The probability of failure-free system operation over a specified time in a given environment for a given purpose \rightarrow Reliability,

The system is developed in such a way that human error is avoided and thus system faults are minimised \rightarrow Fault avoidance,

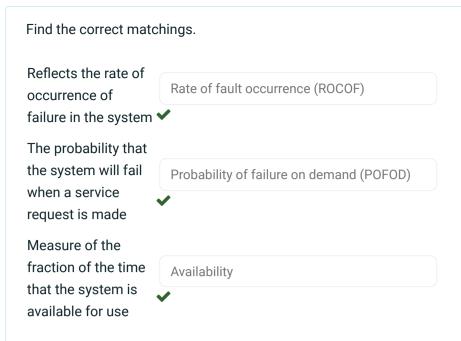
Verification and validation techniques are used to discover and remove faults in a system before it is deployed → Fault detection,

The probability that a system, at a point in time, will be operational and able to deliver the requested services \rightarrow Availability

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Soru **2** Doğru

3,00 üzerinden 3,00 notunu ver



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Cevabınız doğru.

Doğru cevap:

Reflects the rate of occurrence of failure in the system \rightarrow Rate of fault occurrence (ROCOF),

The probability that the system will fail when a service request is made \rightarrow Probability of failure on demand (POFOD),

Measure of the fraction of the time that the system is available for use \rightarrow Availability

Soru 3

Doğru

2,00 üzerinden 2,00 notunu ver Multi-channel architectures
where the system monitors its
own operations and takes
action if inconsistencies are
detected

A specialized system that is
associated with some other
control system, which can take
emergency action if a failure
occurs

Self-monitoring architectures

Protection systems

Cevabınız doğru.

Doğru cevap:

Multi-channel architectures where the system monitors its own operations and takes action if inconsistencies are detected \rightarrow Selfmonitoring architectures,

A specialized system that is associated with some other control system, which can take emergency action if a failure occurs \rightarrow Protection systems