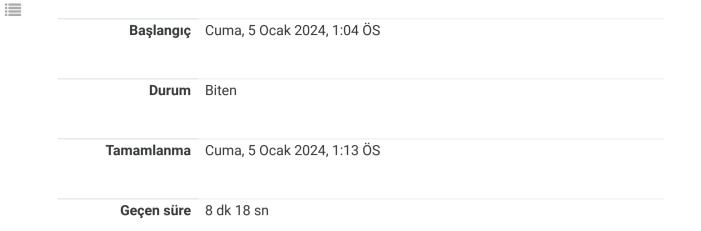
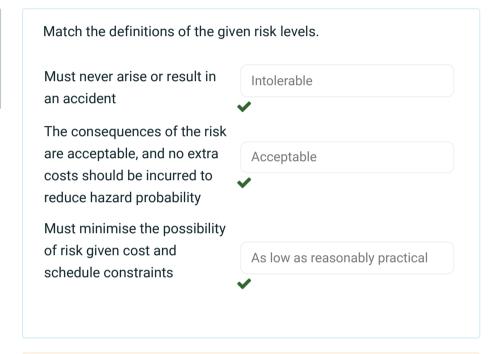
15.01.2024 12:00 Quiz #12: Deneme incelemesi



 $\Omega$ 

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

Soru **1**Doğru
3,00 üzerinden 3,00
notunu ver



Cevabınız doğru.

Doğru cevap:

Must never arise or result in an accident  $\rightarrow$  Intolerable,

The consequences of the risk are acceptable, and no extra costs should be incurred to reduce hazard probability  $\rightarrow$  Acceptable,

Must minimise the possibility of risk given cost and schedule constraints  $\rightarrow$  As low as reasonably practical

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Identify the hazards that may threaten

Soru **2**Doğru
3,00 üzerinden 3,00
notunu ver

Find the correct matching for the processes in hazard-driven analysis.

Concerned with discovering the root causes of risks in a particular system concerned with understanding the likelihood that a risk will arise and the potential consequences if an accident or incident should occur

Hazard identification

**1** 2

Cevabınız doğru.

Doğru cevap:

the system

Concerned with discovering the root causes of risks in a particular system  $\rightarrow$  Hazard analysis,

concerned with understanding the likelihood that a risk will arise and the potential consequences if an accident or incident should occur  $\rightarrow$  Hazard assessment,

Identify the hazards that may threaten the system  $\rightarrow$  Hazard identification

Soru **3** 

Doğru

1,00 üzerinden 1,00 notunu ver Which of the following is not a risk reduction strategy?

a. Hazard avoidance

b. Damage limitation

c. Hazard specification

✓

d. Hazard detection and removal

Cevabınız doğru.

Doğru cevap:

Hazard specification

Soru 4

Doğru

1,00 üzerinden 1,00 notunu ver Which of the following is not an example of a safety-critical system?

- a. Automobile control systems such as braking and engine management systems
- b. Process control systems in chemical manufacture
- c. Control and monitoring systems in aircraft
- d. A library borrowing system

**~** 

Cevabınız doğru.

Doğru cevap:

A library borrowing system

15.01.2024 12:00 Quiz #12: Deneme incelemesi

| 2.00                                    | Quiz #12. Deficitie inecientesi  |   |   |
|---|--|---|---|
| Soru <b>5</b> Doğru 1,00 üzerinden 1,00 | Agile methods are not usually used for safety-critical systems engineering |   |   |
| notunu ver                              | Birini seçin:  |   | Ω |
|   | Doğru   ✓  | _ |   |
|   | ○ Yanlış   |   |   |
|   | Doğru cevap 'Doğru'.   |   |   |
| Soru <b>6</b>                           | Model checking involves creating an extended finite state model of         |   |   |
| Doğru                                   | a system and, using a specialized system (a model checker),                |   |   |
| 1,00 üzerinden 1,00<br>notunu ver       | checking that model for errors.  |   |   |
|   | Birini seçin:  |   |   |
|   | Doğru   ✓  |   |   |
|   | ○ Yanlış   |   |   |
|   | Doğru cevap 'Doğru'.   |   |   |